A. I. A. File Number 16e

TRUSCON DOUBLE-HUNG STEEL WINDOWS

COUNTERWEIGHTED

MODEL
NUMBER
28

CATALOGUE 138

TRUSCON
DOUBLE-HUNG
STEEL
WINDOWS

COUNTERWEIGHTED

MODEL
NUMBER
28

No. 138

TRUSCON DOUBLE-HUNG STEEL WINDOWS

COUNTERWEIGHTED

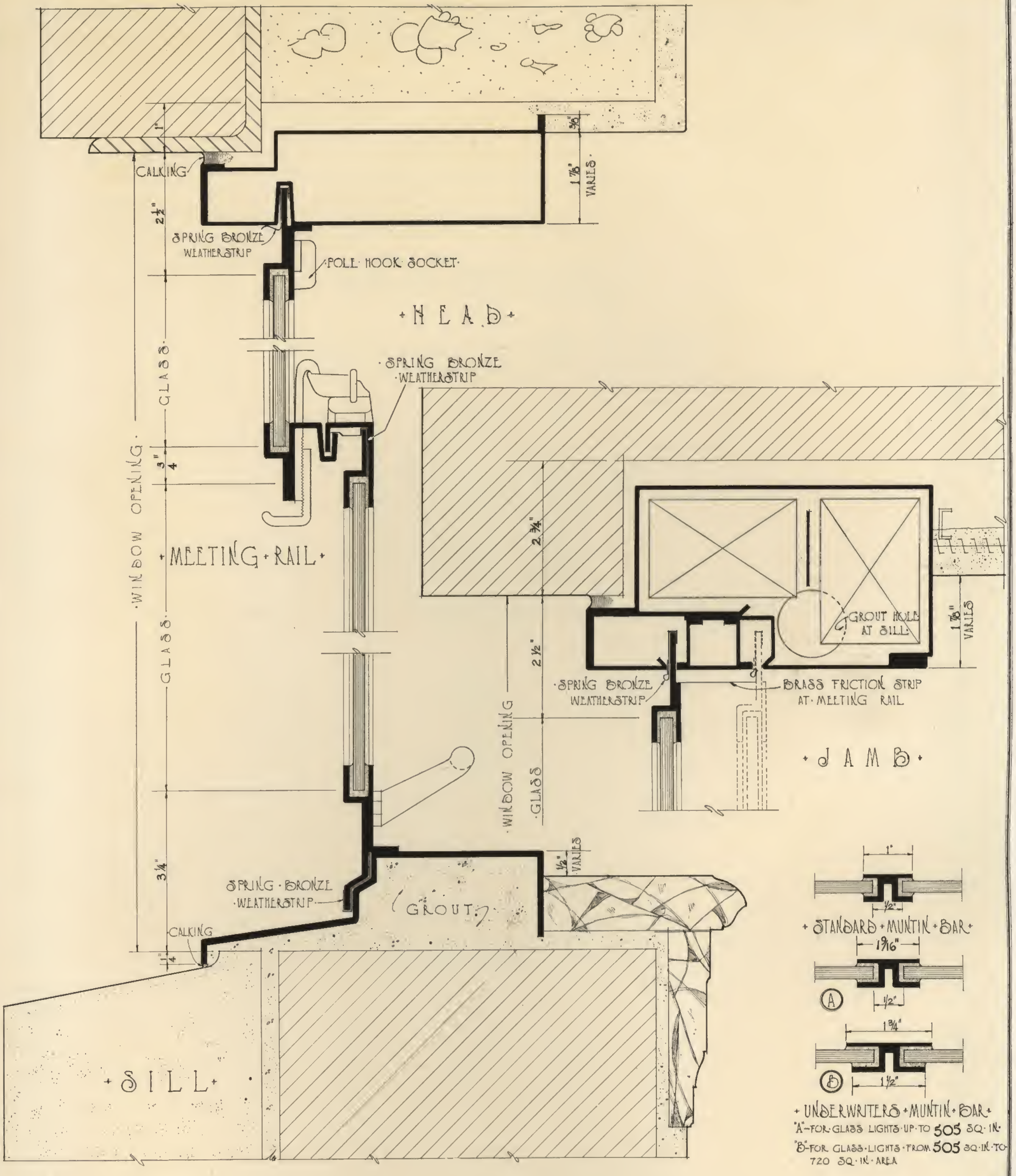
MODEL NUMBER 28

Practical, Economical and Beautiful
Steel Windows for all Modern Buildings

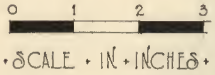
TRUSCON STEEL COMPANY, YOUNGSTOWN, OHIO
Sales and Engineering Offices in all Principal Cities
Factories in Youngstown, Cleveland, Detroit, Los Angeles, Walkerville, Ont., and Japan

© 1928 T. S. C.

PRINTED IN U. S. A.



TRUSCON SOLID STEEL DOUBLE HUNG WINDOW MODEL NO 28



QUALITY WINDOWS FOR GOOD BUILDINGS

FEW BUILDING developments have attracted more pronounced attention during the past decade than steel windows. The trend towards these windows has been one of the striking features of present-day architecture. In fact, so strongly have the merits of steel windows impressed themselves upon the consciousness of building profession and public alike that it has been aptly said—"The test of modernness as applied to a building rests largely upon whether or not it has steel windows."

The growing popularity of steel windows rests upon the most logical and fundamental reasons. Primarily this is an age of fireproof construction. Newspapers, magazines and building departments have been powerful propagandists for fire prevention and for every factor in building that reduces the fire hazard. And they have influenced public sentiment profoundly. Certainly, therefore —so people are reasoning—it would be highly inconsistent to build walls and floors of fireproof material and neglect to take the same precaution for windows. It is questionable, however, if fireproofness alone would have produced the preference for steel windows so increasingly apparent. Other advantages have played their part as well.

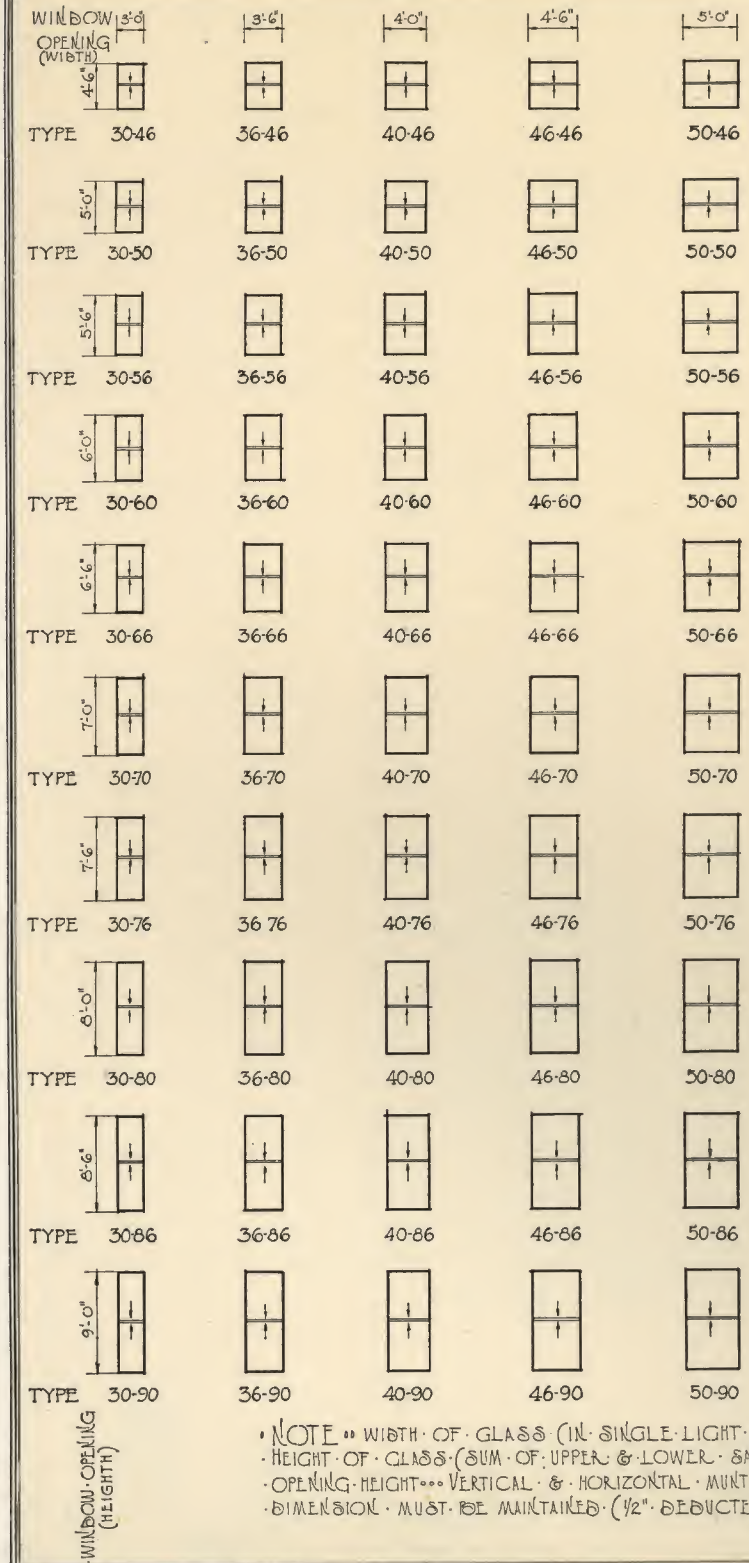
Steel windows have lent themselves to the establishment of a definite vogue in architecture and building construction. The strength of this vogue rests not alone on investment protection, depreciation value and utility—represented by steel windows —but upon the sheer attractiveness of these windows—upon the better architectural detail which their smaller, clean-cut members of steel provide.

And combined with these other factors is the element of cost. Truscon, by improved methods of manufacture, standardization and quantity production, can furnish steel windows completely factory-built and weather-stripped at no greater cost than good wood windows weatherstripped—and in some cases even below.

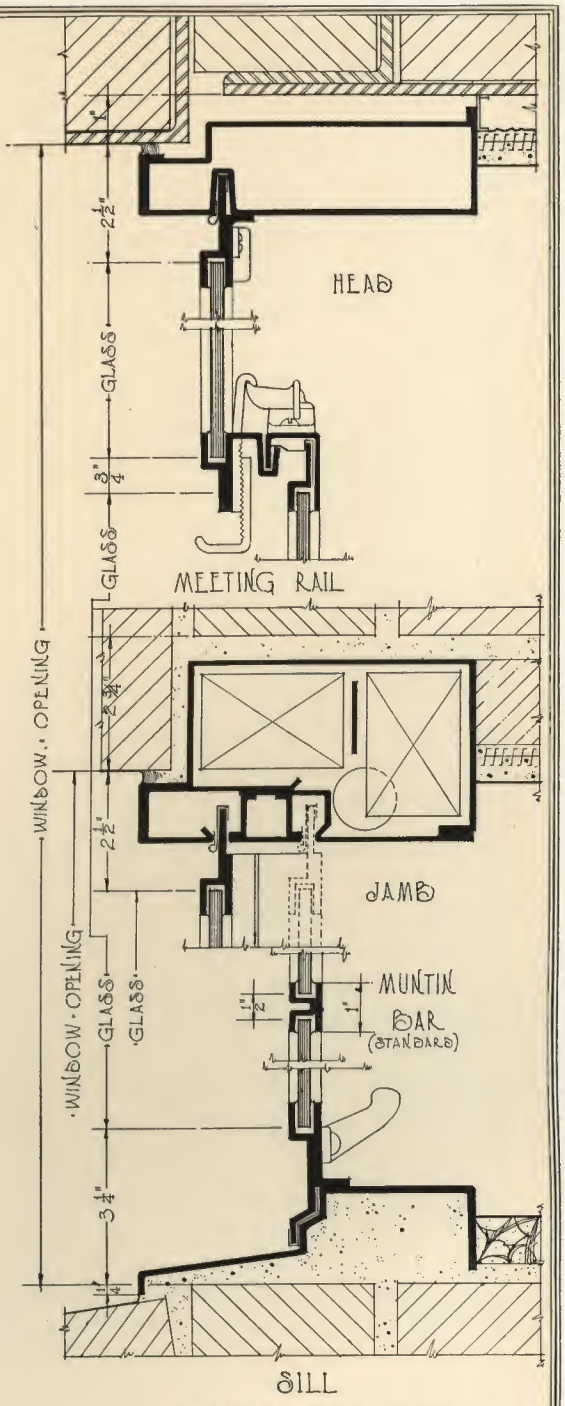
Particularly interesting to those who plan a truly modern building is the Model No. 28 Truscon Double-Hung Steel Window. This window is built of solid galvanized steel. It has a weight of metal which insures a window of long life and one that is economical both in cost and service. It is another outstanding example of what can be accomplished through the great resources and facilities of Truscon. This window is the result of twenty-five years of exhaustive research and experience—a window which fittingly typifies the high and enduring quality which every good modern building should represent.

SKYLINE OF DETROIT

TRUSCON DOUBLE-HUNG STEEL WINDOWS MODEL NO. 28



WINDOW OPENING (HEIGHT)	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
4'-6"	TYPE 30-46	36-46	40-46	46-46	50-46
5'-0"	TYPE 30-50	36-50	40-50	46-50	50-50
5'-6"	TYPE 30-56	36-56	40-56	46-56	50-56
6'-0"	TYPE 30-60	36-60	40-60	46-60	50-60
6'-6"	TYPE 30-66	36-66	40-66	46-66	50-66
7'-0"	TYPE 30-70	36-70	40-70	46-70	50-70
7'-6"	TYPE 30-76	36 76	40-76	46-76	50-76
8'-0"	TYPE 30-80	36-80	40-80	46-80	50-80
8'-6"	TYPE 30-86	36-86	40-86	46-86	50-86
9'-0"	TYPE 30-90	36-90	40-90	46-90	50-90



· DETAILS · SCALE · 3" = 1'-0" ·

· NOTE ·· WIDTH · OF · GLASS (IN · SINGLE · LIGHT · SIZE) PLUS · 5" GIVES · MASONRY · OPENING WIDTH · · HEIGHT · OF · GLASS · (SUM · OF · UPPER & LOWER · SASH · SINGLE · LIGHT) · PLUS · 6½" GIVES MASONRY · OPENING · HEIGHT ··· VERTICAL · & · HORIZONTAL · MUNTIN · BARS · CAN · BE · USED · BUT THE · OVERALL · DIMENSION · MUST · BE MAINTAINED · (½" · DEDUCTED · FROM · GLASS · SIZE · FOR EACH MUNTIN · BAR ·)

TRUSCON STEEL WINDOWS

STANDARDS
· TRUSCON · DOUBLE · HUNG · WINDOW ·
TRUSCON STEEL COMPANY MODEL NO 28 YOUNGSTOWN OHIO

W-1
· MAY · 1928 ·

INCOMPARABLE FEATURES

The construction of the Model No. 28 Truscon Double-Hung Steel Window, with the following incomparable features, is distinctly superior. The steel used in the manufacture, especially on the exposed portions, is of heavy gauge, experience having shown that with lighter weight metal the efficiency of the unit is greatly decreased.

Galvanized Steel

All parts of the Truscon Double-Hung Window are galvanized to give added protection against corrosion.

Welded Frames

The frames are made in one unit and solidly welded (not bolted) at all corners, insuring weathertightness, solidity, rigidity and perfect alignment. They will not get out of square.

Specially Designed Sash Rails

The sash rails are built of heavy, specially designed cold rolled sections. All surfaces, inside and out, offer no objectionable features in appearance, and there is nothing in their makeup to interfere with painting or cleaning.

Muntin Bars

The muntin bars are specially designed pressed sections so constructed as to give proper bearing for the glass and proper thickness for screws attaching glazing strips. The muntins are welded to the sash frames.

Jamb Slots

Galvanized steel bolts, hold the jamb stop of the Truscon Double-Hung Window in place. Exact and easy adjustment of the sliding sash is obtained; rattle is eliminated; complete and quick removal of sash and convenient access to the weights is obtained. Adjustment secured with one line of screws.

Deep, Rigid Sills

The sill is of one piece and its depth, stiffness and positive slope of its surfaces prevents bowing and bending or leakage. Flat surfaces are used for gaining positive weathering and pockets or grooves are eliminated, leaving no surfaces for the collection of moisture or dirt. Concealed grout holes at each end of the sill, back of the removable jamb piece insures full and complete grouting after erection.

Weight Box

A double thickness of continuous heavy metal is provided where the frame fits against the masonry wall, preventing caulking tool punctures in the weight box and giving protection against corrosion at the point of contact between the masonry and the steel.

Weatherstripping

Spring bronze weatherstrips are attached to the sash at the head, meeting rails and jambs and sill. This insures positive weathertightness and allows for a minimum of air filtration.

High Quality Hardware

All hardware is bolted or tap screwed through two thicknesses of steel, insuring rigidity and strength. Sash chains are concealed inside of the jamb stop and ride on pressed steel pulleys, also concealed but easily accessible.

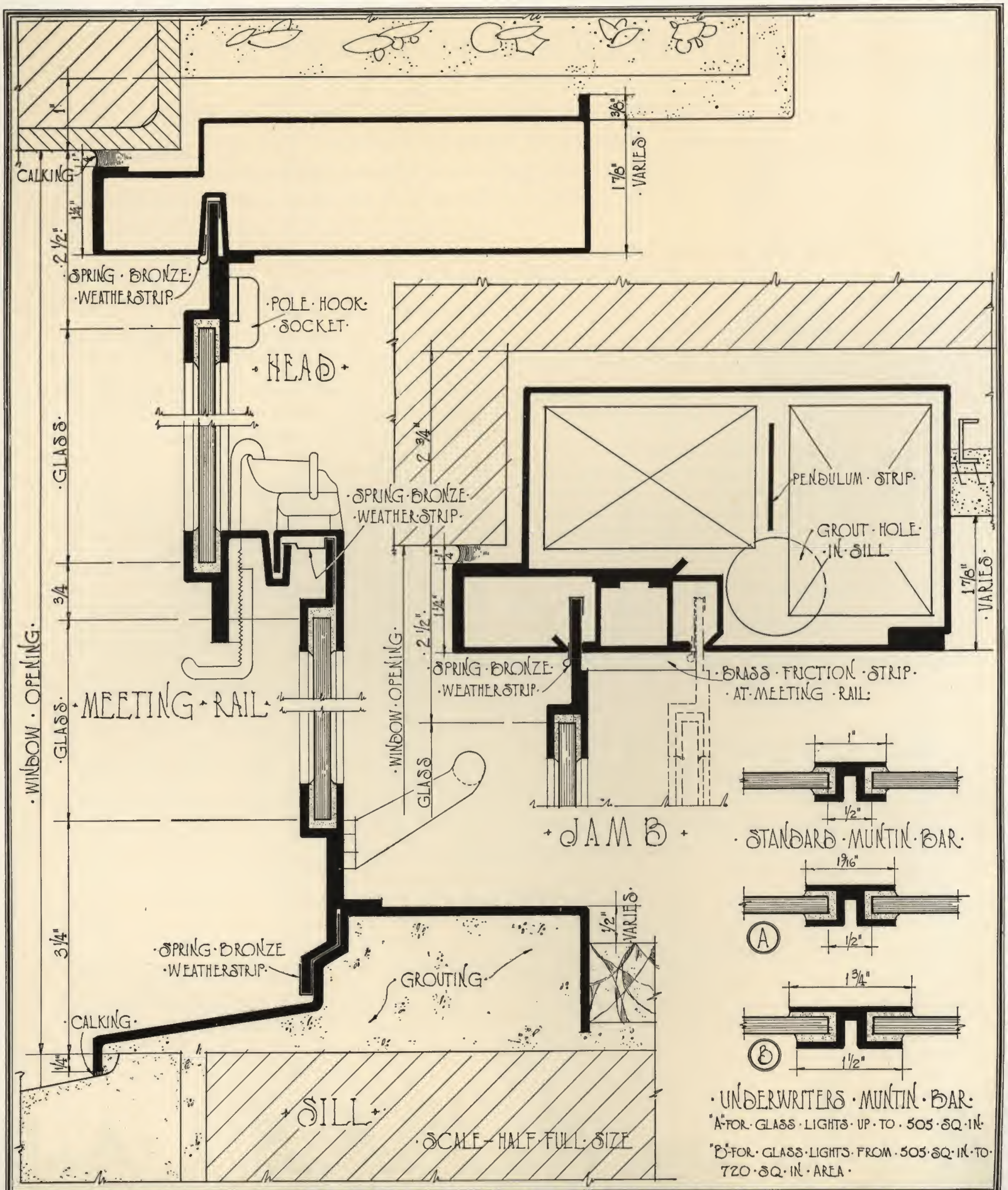
Deep Weight Wells

The weight wells are deep and are made of a heavy gauge metal. They will maintain a straight and true jamb which will not warp or get out of line, thus reducing to a minimum, through perfect alignment, all unnecessary friction in opening and closing the window. Separate tongues or pendulum strips are provided between the weights to prevent interference in operation.

Convenient Screening

The design of the sash and frame leaves ample room for screens which can be readily and economically attached. Any standard make or type can be applied for all or part of the openings.

SKYLINE OF NEW YORK



· UNDERWRITERS · MUNTIN · BAR ·

"A" FOR · GLASS · LIGHTS · UP · TO · 505 · SQ · IN ·

"B" FOR · GLASS · LIGHTS · FROM · 505 · SQ · IN · TO · 720 · SQ · IN · AREA ·

· SCALE – HALF · FULL · SIZE

TRUSCON STEEL WINDOWS

STANDARD

· TRUSCON · DOUBLE · HUNG · WINDOW ·

TRUSCON STEEL COMPANY · MODEL · NO · 28 · YOUNGSTOWN OHIO

W-2
· MAY · 1928 ·

SPECIFICATIONS

1. GENERAL

All window openings shown on drawings, unless otherwise specified, shall be equipped with solid steel, plate type, (galvanized and weatherstripped) Model No. 28 Double-Hung Windows as manufactured by Truscon Steel Company of Youngstown, Ohio. No substitution shall be made without the written approval and consent of the architect.

2. SCOPE OF WORK

The steel window manufacturer shall include in his work the furnishing of all Double-Hung Steel Windows complete and shall furnish and apply hardware and weights and make final adjustment of windows shown on drawings and covered in specifications.

3. WORK NOT INCLUDED

In window manufacturers' contract, but to be performed by others under general contract: Erection, glass, glazing, putty caulking, grouting, pointing, and field painting before and after erection.

4. MATERIAL

All windows throughout to be constructed of Truscon special hot rolled, new billet steel, galvanized. Sills to be of 12 gauge; weight boxes, jambs, pulley stile and beads, 16 gauge; head covers, 18 gauge; rails and stiles of sash, 12 gauge; inside glazing strips at jambs, 14 gauge and at top and bottom rail, 12 gauge.

5. CONSTRUCTION

Frame Members: Head, sill and jambs constructed each of one piece of metal exclusive of the parting stop, weight box cover and head cover; all members formed straight and true with welded joints ground smooth; staff bead formed on exterior of frame of double thickness of metal.

Pulley stiles formed with deep weathering and the pulley stile and weight box cover held in place with one line of oval head screws passing through a heavy reinforcing piece on inside of jamb. Adjustment of sash and frame is secured by these screws which hold the pulley stile and weight box cover. The weight box cover runs the full height of the jamb from sill to head, and is removable.

A brass check plate is to be attached at the meeting rail to insure weathering.

A wind stop is to be provided to prevent air entering room from slot under upper sash.

Sash Members: Sash members shall be so designed that the distance from masonry opening to glass line at jambs and head will be 2½″.

Corners of sash shall be welded and ground smooth.

Where muntins are required they shall fit into the sash members and be welded in such a manner that a flush surface is secured at joints and intersections.

The meeting rails to be formed so as to interlock.

Glazing strips secured with oval head screws, permitting inside glazing.

Weatherstripping: Weatherstripping shall be provided of spring bronze and applied to sash members at sill, jambs, meeting rail and head.

Hardware Equipment: Frames are equipped with pressed steel pulleys and pressed steel housings with hard steel pins in a brass bushing. Sash are hung on No. 130 galvanized steel sash chains running concealed behind pulley stiles and properly balanced with cast iron weights. Sash are equipped with one pair of lift handles, one combination, adjustable sweep lock and pull-down handle for upper sash, and one pole socket—all of galvanized malleable iron.

Notes: Special steel or lead weights are supplied where cast iron weights are not sufficient to properly balance sash.

Hardware is furnished in bronze where so specified, at an additional price.

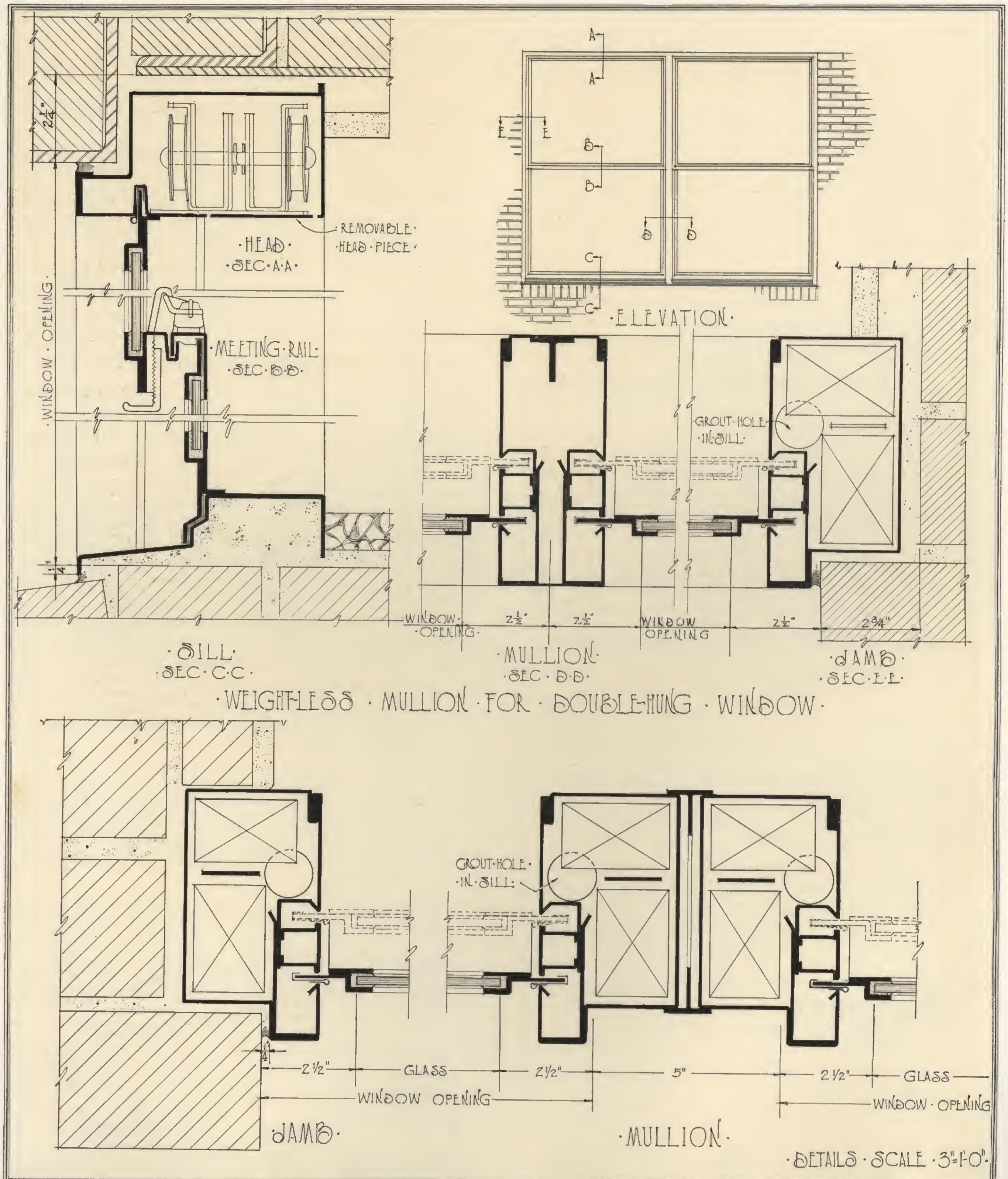
6. PAINTING

All windows shall be given a dip coat of Truscon special protective paint after assembly (in addition to galvanizing) and before shipment, covering all surfaces inside and outside of weight boxes and other concealed spaces.

Notes: Glass shall be embedded in special, natural grey, steel window putty, made for this purpose by The Truscon Laboratories.

The use of $\frac{3}{16}$″ plate glass is recommended for Double-Hung Steel Windows where plate glass is desired. Polished or rib-wire glass may be used—also sheet glass within reasonable size limits.

SKYLINE OF DALLAS



TRUSCON STEEL WINDOWS

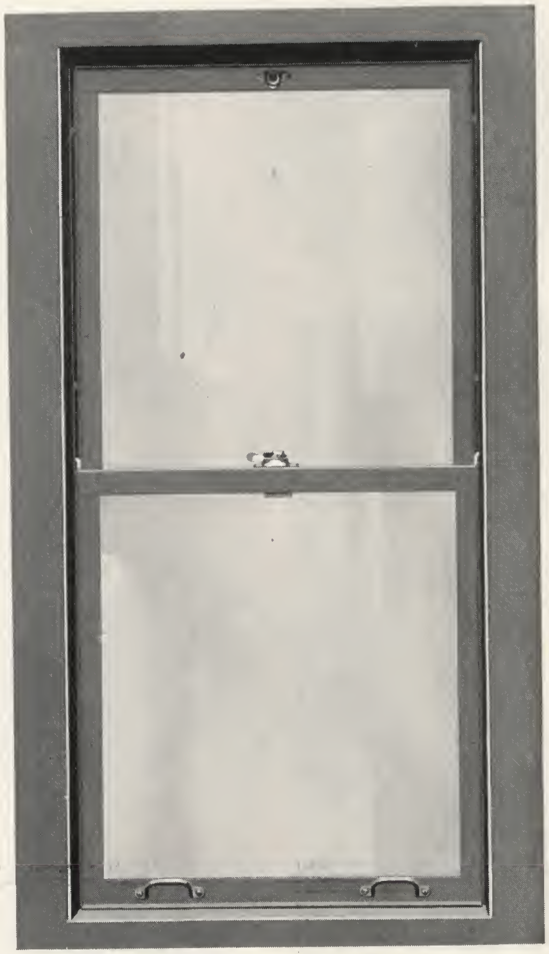
· MULLIONS ·

· TRUSCON · DOUBLE-HUNG · WINDOW ·

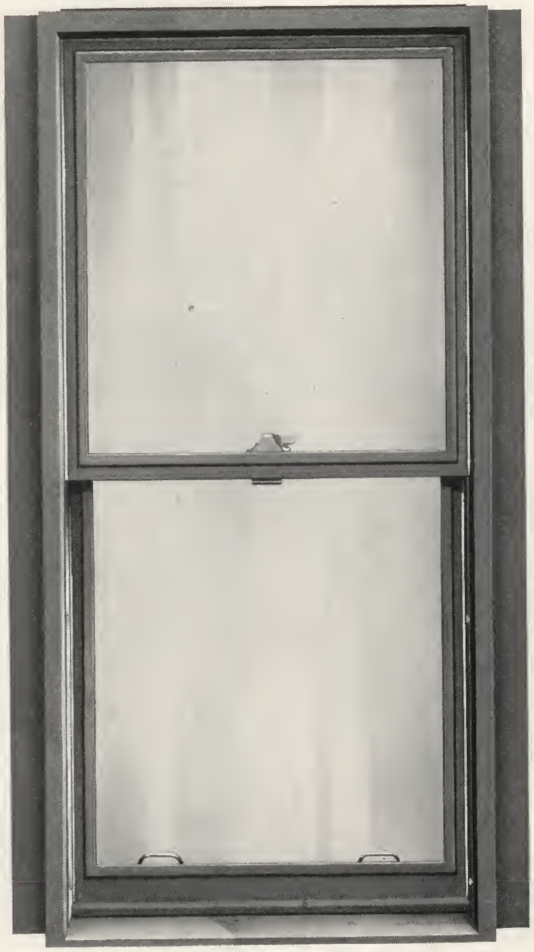
· TRUSCON STEEL COMPANY · MODEL · NO · 28 · YOUNGSTOWN OHIO

W-3

· MAY · 1928 ·



INSIDE VIEW

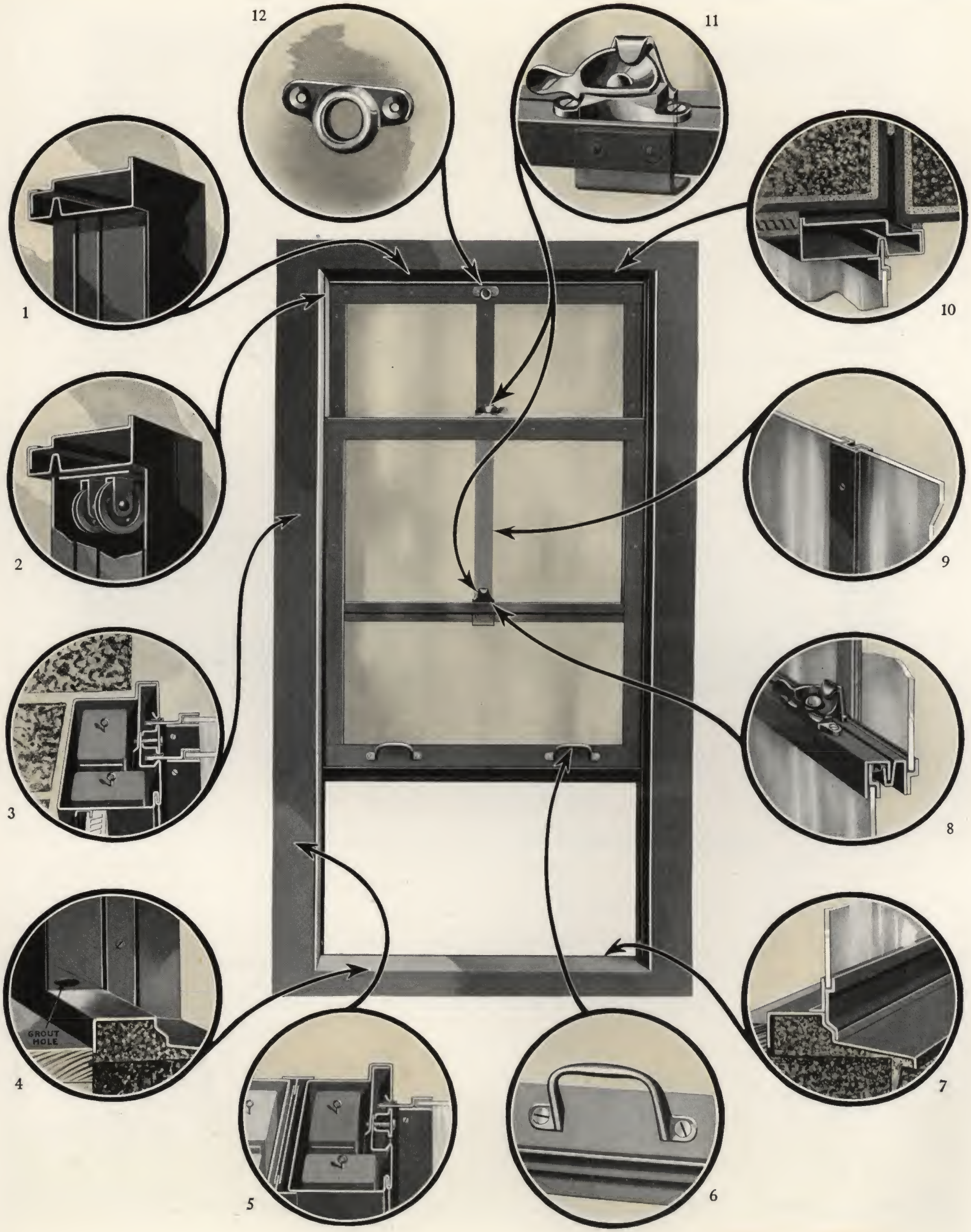


OUTSIDE VIEW

STANDARD TYPES

Standard sizes in widths from 3′ to 5′ and heights from 4′ to 9′ in variations of 6″.

SKYLINE OF CHICAGO

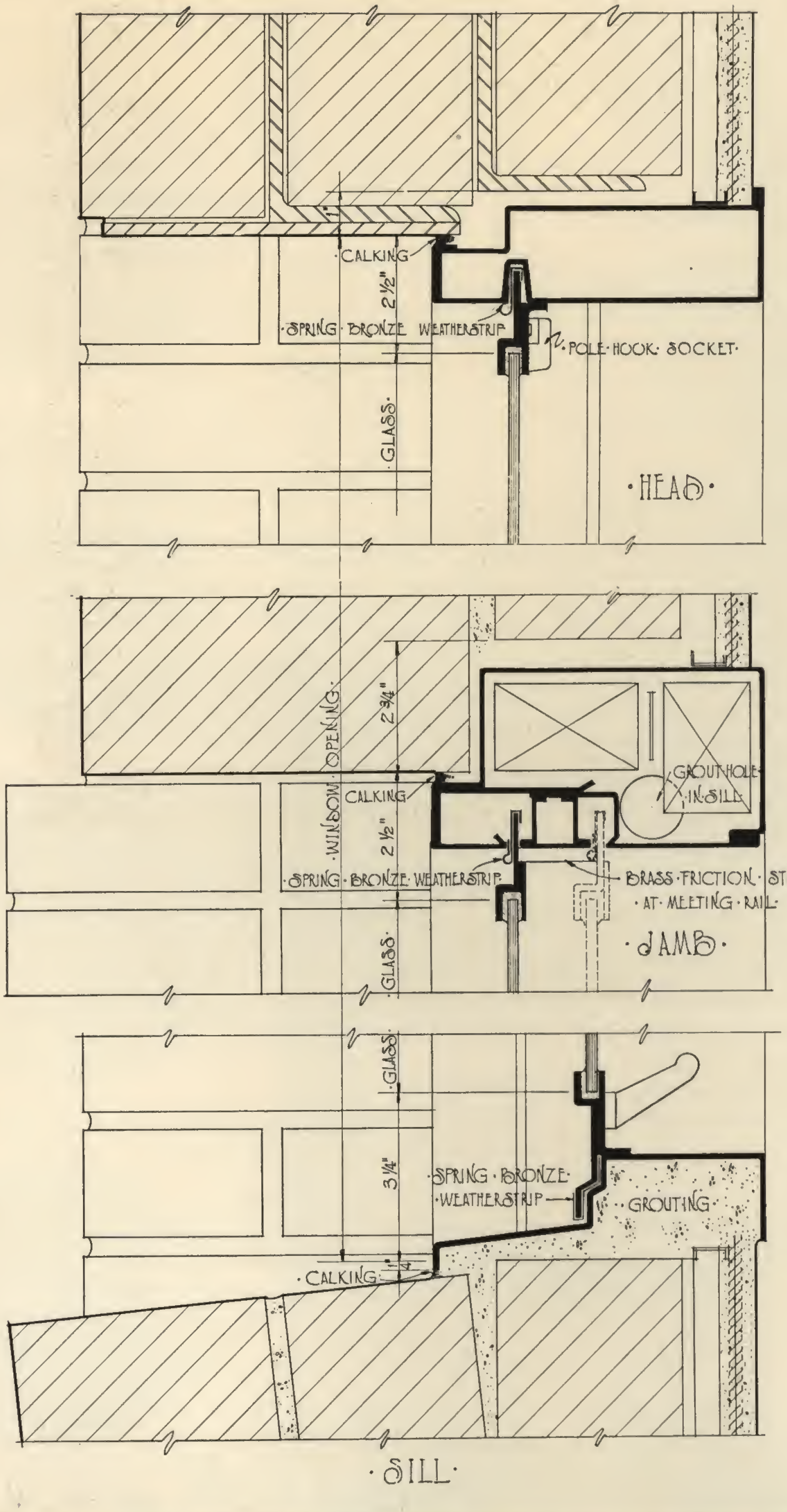

GROUT HOLE

CONSTRUCTION DETAILS AND HARDWARE

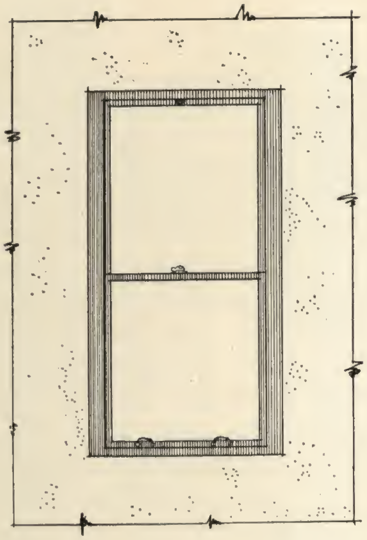
1. Section Through Head of Frame
   Showing one piece channel construction with recess to receive upper sash rail; staff mould formed from two thicknesses of metal and head cover welded to frame section.
2. Cut-Away View of Jamb Frame
   Showing the bronze-bushed, pressed steel chain pulleys that turn on hardened steel pins in heavy, pressed steel housings. Pulleys are deeply grooved to prevent sash chains from rolling off.
3. Section Through Jamb
   Illustrating the dual function of the jamb frame as weight box and sash guide. A removable weight-pocket-cover-plate extending from sill to head makes the weights easily accessible, and a light metal parting strip between the weights prevents them from becoming twisted or locked together. The sash parting stop is adjustable and is held in place with one line of sherardized screws. Proper weathering is secured through spring bronze weather stripping attached to the sash stiles.
4. Concealed Grout Holes
   At each end of the sill, and back of the removable cover plate, make it easy to fill the opening under the sill with grout, thus assuring a firm and weather tight bed for the window.
5. T-Shaped Mullions
   Are used for joining two or more windows in a single opening, and are held in place by means of concealed steel straps which eliminate all unsightly screws, bolts, nuts and other objectionable projections.
6. Pair of Lifting Handles
   Are tap-screwed through two thicknesses of metal to the bottom rail of the lower sash.
7. Section Through Bottom of Window
   Showing double contact weathering between sash and sill. The sill section of frame is formed from a single piece of steel with all offsets graduated to the outside to insure good drainage. Proper weathering is secured through spring bronze weather stripping attached to the sash rail.
8. Section Through Meeting Rail
   Showing interlocking contact between the upper and lower sash; and the spring bronze weather stripping on upper rail of lower sash. Brass weathering plates are attached to the parting stops at the meeting rail to assure additional weather protection. The bottom rail of upper sash is shaped to act as a drip.
9. Muntin Bars
   Can be furnished horizontally and vertically to secure small-glass-light effects. These are interlocked and welded at all intersections.
10. Section Through Head of Window
    Showing adaptability of head section to any type of construction and positive contact between sash and frame. Proper weathering is secured by the use of spring bronze weather stripping.
11. Combination Sweep Lock and Pull Down Handle
    The sweep lock is adjustable to secure proper contact and locking.
12. Pole Socket
    Attached to the top rail of the upper sash facilitates opening and closing this sash.

Note: Standard Hardware is sherardized malleable iron. Solid bronze can be supplied when bronze hardware is specified.

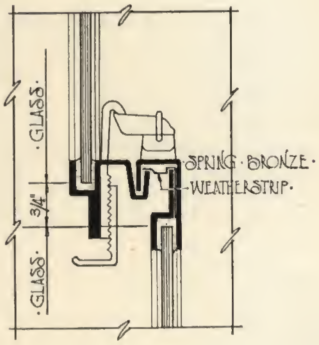
SKYLINE OF CINCINNATI



·SILL·



·INSIDE·ELEVATION·



·MEETING·RAIL·

·DETAILS·SCALE·3"=1'-0"·

TRUSCON STEEL WINDOWS

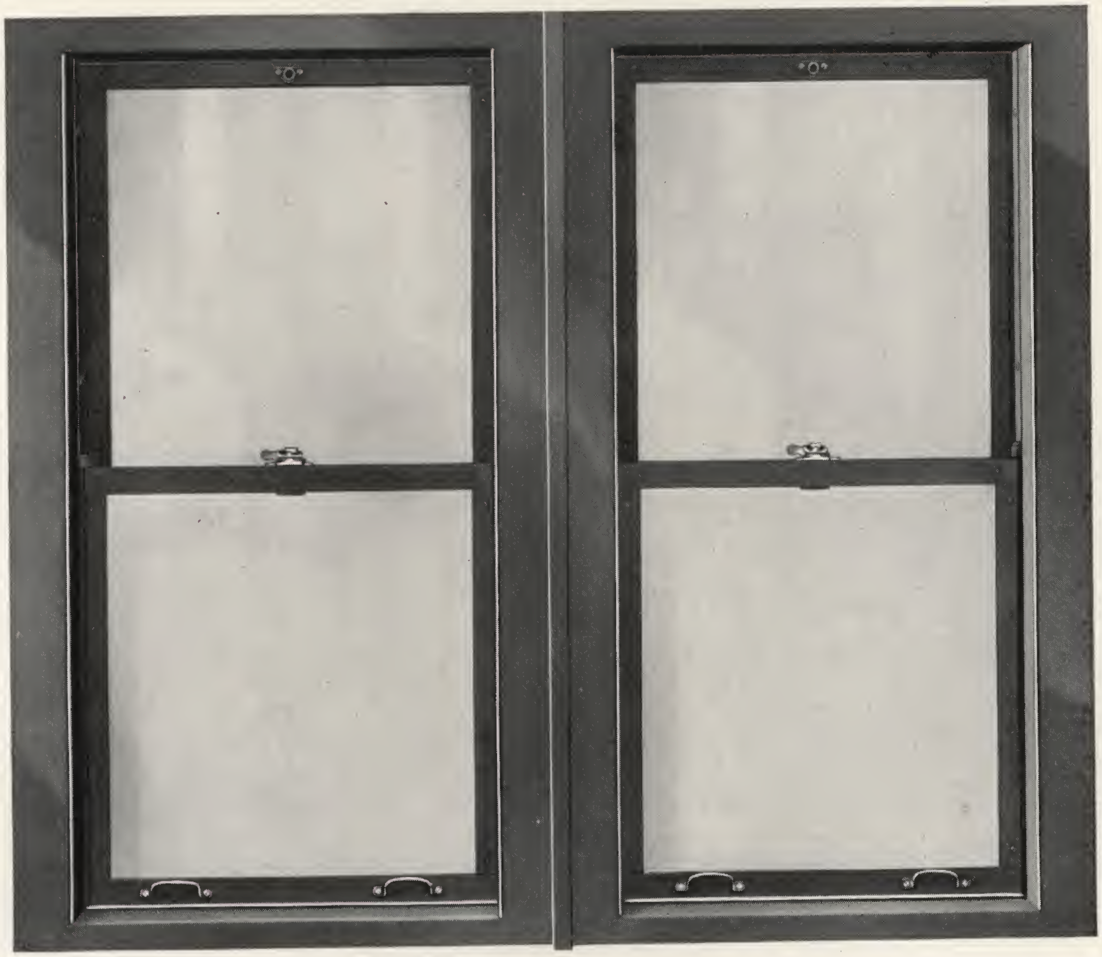
·STANDARD·DETAILS·

·TRUSCON·DOUBLE-HUNG·WINDOW·

TRUSCON STEEL COMPANY ·MODEL·NO·28· YOUNGSTOWN OHIO

W-4

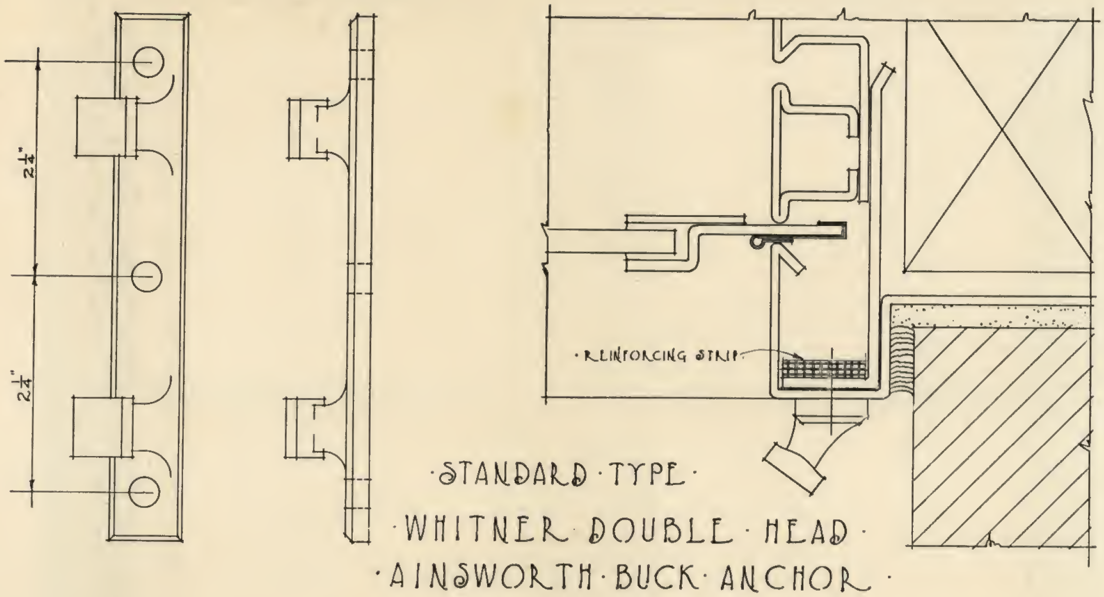
·MAY·1928·



STANDARD MULLIONS

Standard Mullions are formed of two or more window units connected with structural T's. (Detail on page 8.)

SKYLINE OF CLEVELAND



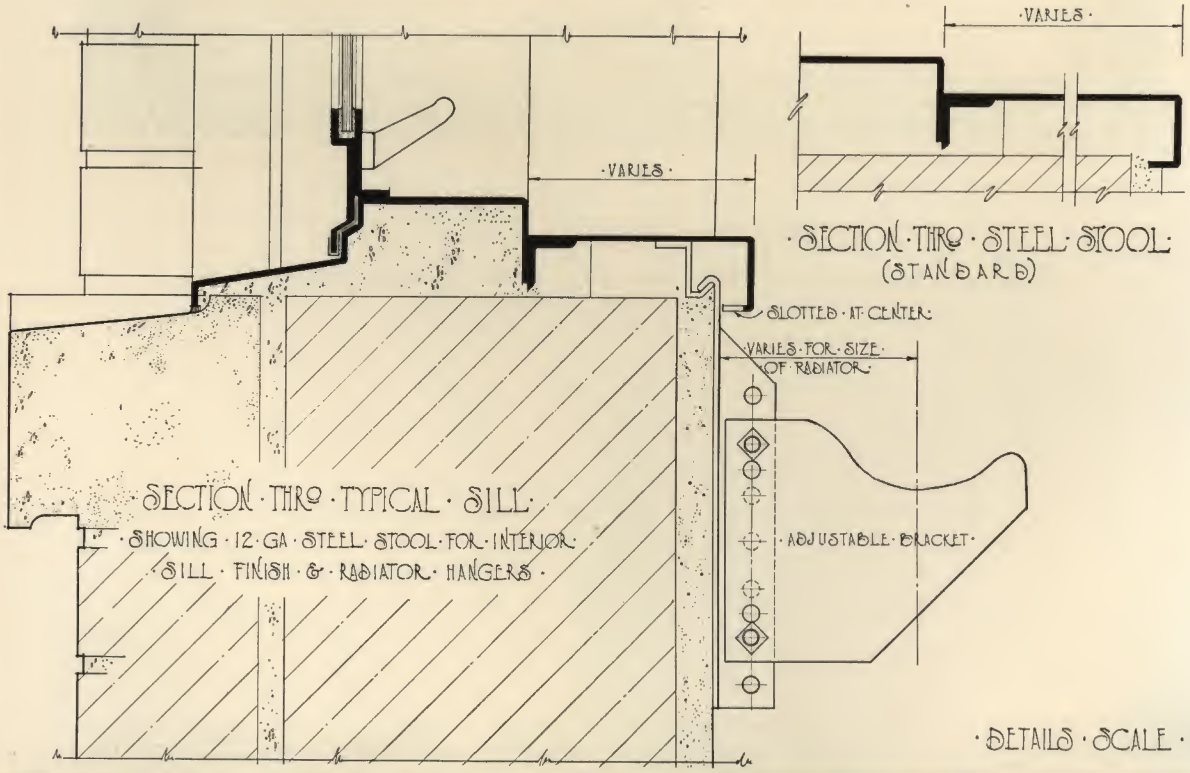
STANDARD TYPE

WHITNER DOUBLE HEAD

AINSWORTH BUCK ANCHOR

SECTION THRO JAMB ~ SHOWING WINDOW CLEANING BOLT

BOLTS MAY BE BUILT IN MASONRY OR AS SHOWN



SECTION THRO STEEL STOOL (STANDARD)

SECTION THRO TYPICAL SILL

SHOWING 12 GA STEEL STOOL FOR INTERIOR SILL FINISH & RADIATOR HANGERS

DETAILS SCALE 3"=1'-0"

TRUSCON STEEL WINDOWS

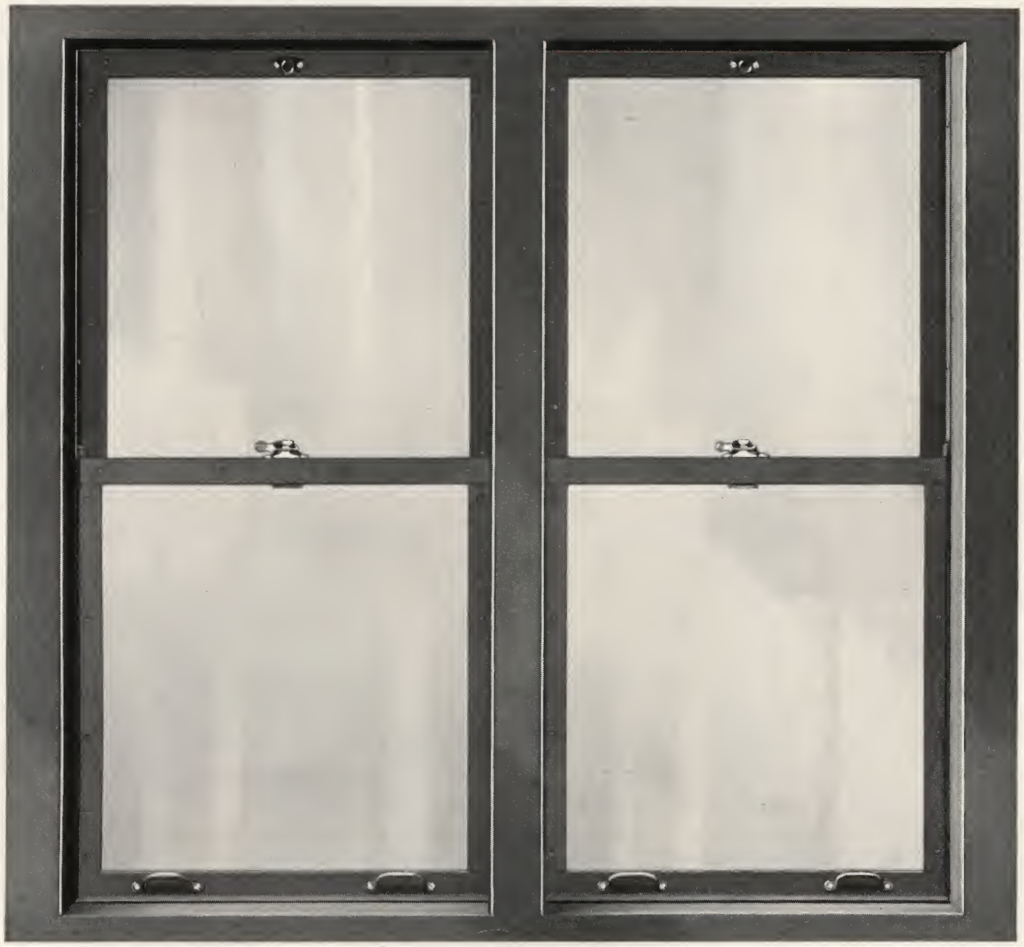
SPECIAL FEATURES

TRUSCON DOUBLE-HUNG WINDOW

TRUSCON STEEL COMPANY · MODEL NO 28 · YOUNGSTOWN OHIO

W-5

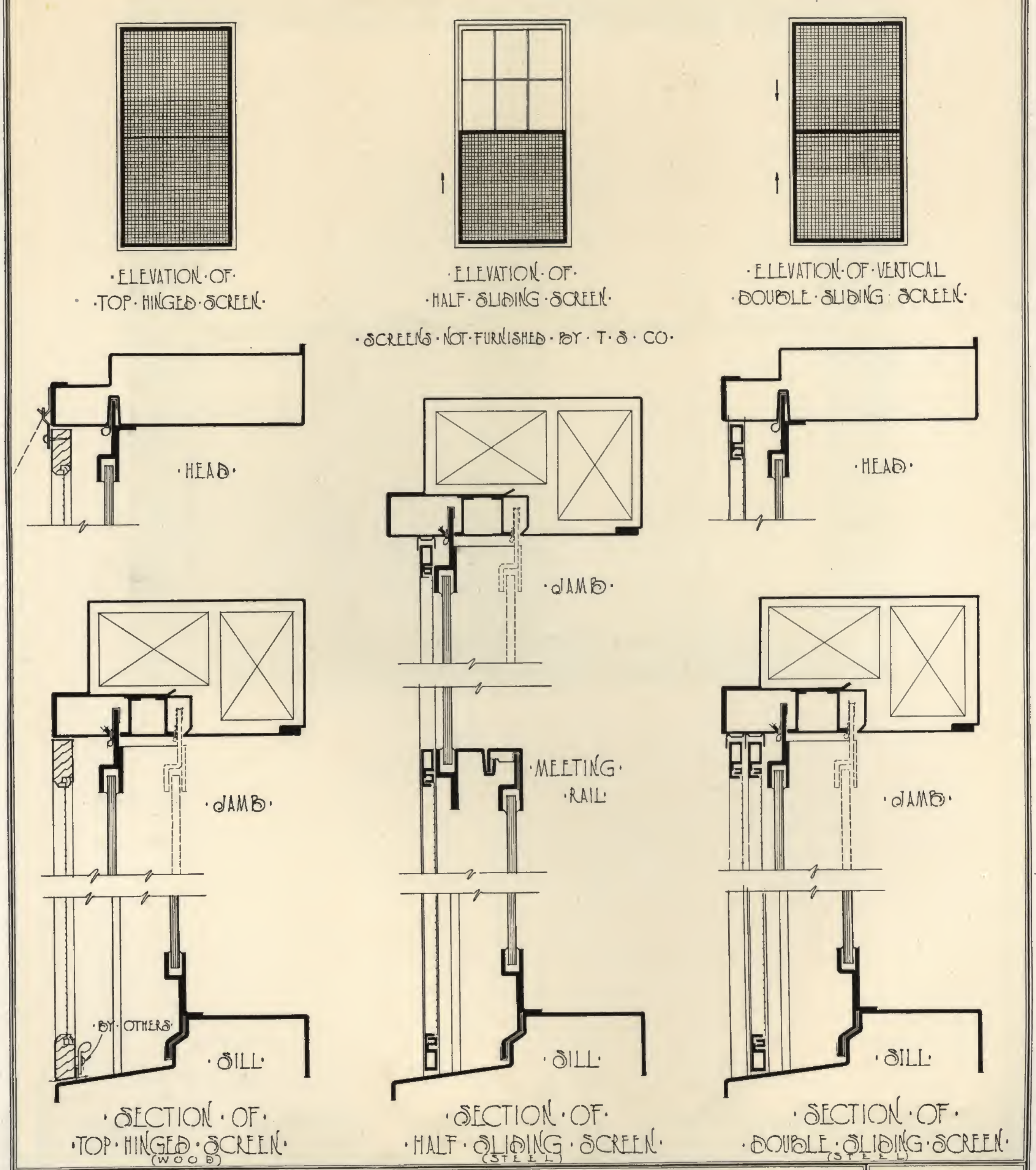
MAY 1928



WEIGHTLESS MULLIONS

Weightless Mullions may be used in combinations of not more than two units and in this construction, by ingenious arrangement of the sash chain and pulleys, only one weight is used for each sash located in a box built in the masonry. This eliminates the weights in the mullion, reduces their width and effects a pleasing appearance.

SKYLINE OF NEW ORLEANS



TRUSCON STEEL WINDOWS

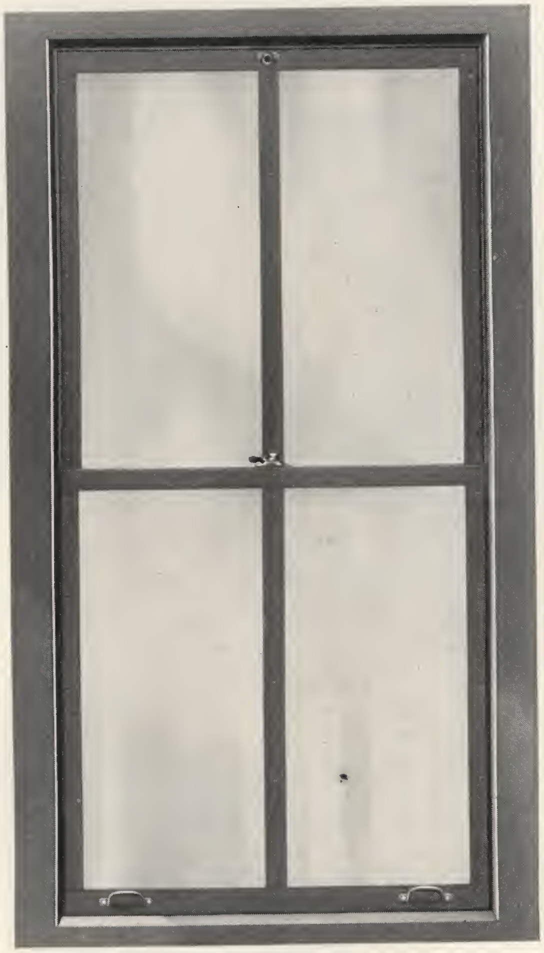
·SCREENS·

TRUSCON DOUBLE HUNG WINDOW

TRUSCON STEEL COMPANY ·MODEL·NO·28 YOUNGSTOWN OHIO

W-6

·MAY·1928·

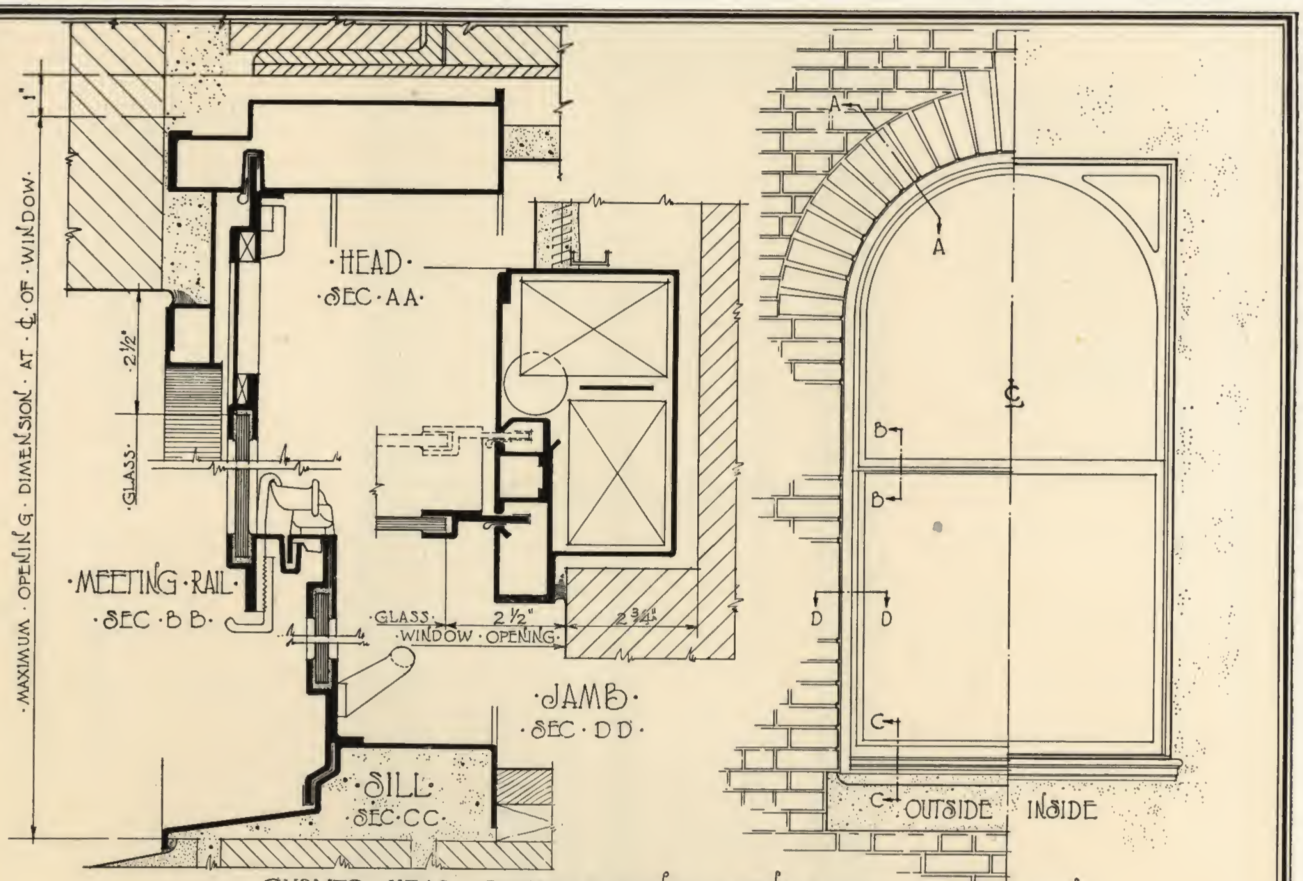


UNDERWRITERS' WINDOWS

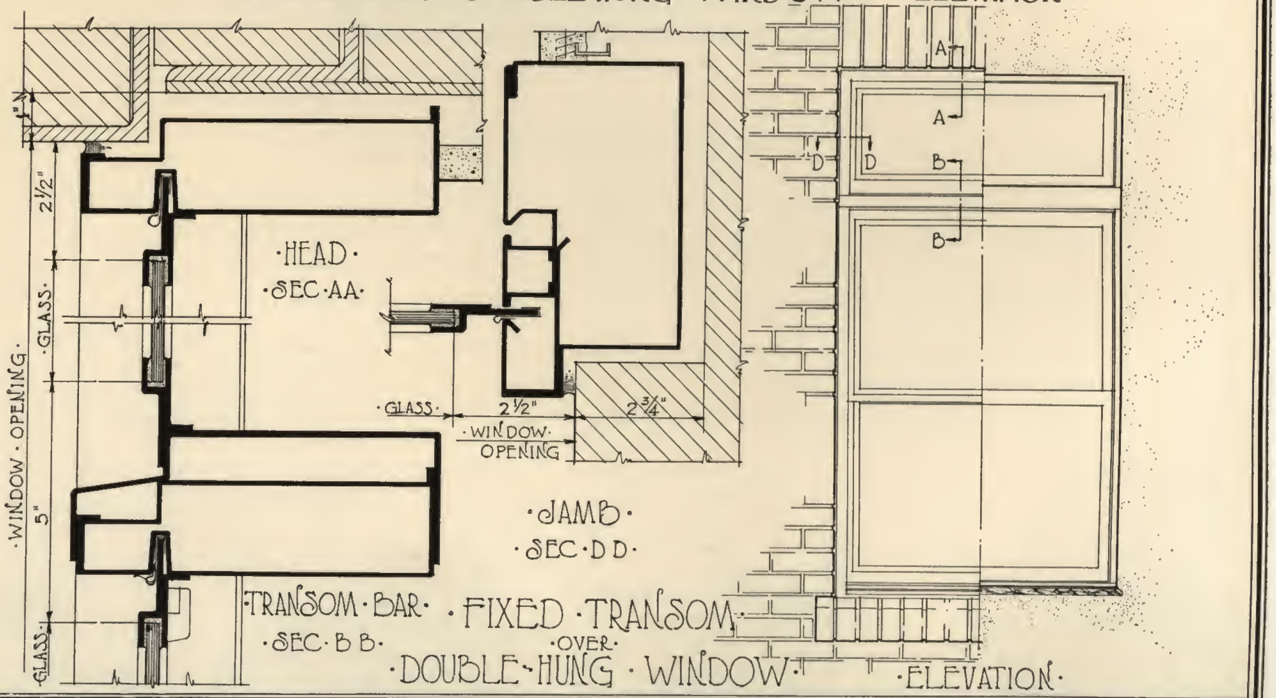
The muntins are constructed in two widths with 1¼″ and 1¾″ glazing stops; no single window can be more than 6′ wide or 10′ high and each light of glass must be limited to 720 sq. in., not less than ¼″ wire glass. Size 1¾″ muntins are to be used for windows with lights from 225 to 720 sq. in. of exposed glass area.

All Standard Truscon Double-Hung Steel Windows are constructed in absolute accordance with the Underwriters' requirements, except the above limits as to frame and glass size and wide glazing strip stops which are not required for ordinary use.

SKYLINE OF PHILADELPHIA



· CURVED · HEAD · DOUBLE-HUNG · WINDOW · · ELEVATION ·



· FIXED · TRANSOM · OVER · DOUBLE-HUNG · WINDOW · · ELEVATION ·

TRUSCON STEEL WINDOWS

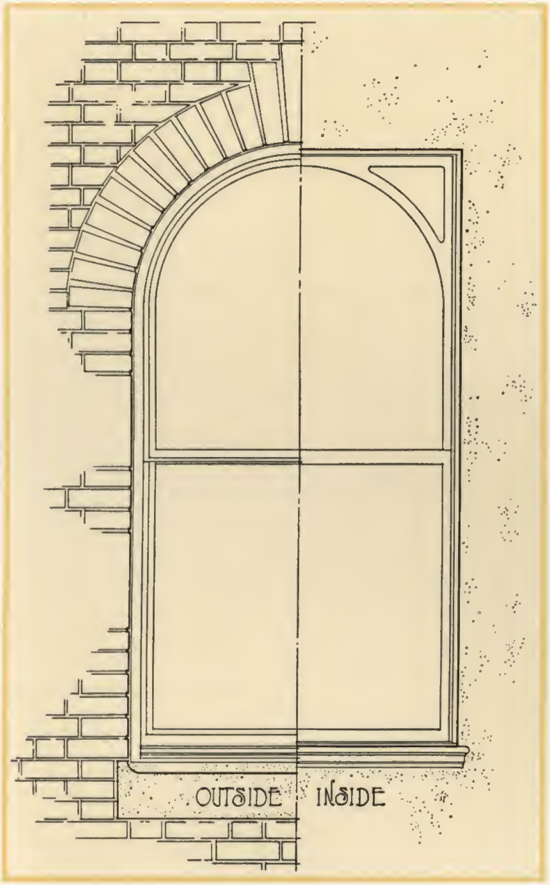
· SPECIAL · FEATURES ·

TRUSCON · DOUBLE · HUNG · WINDOW

· TRUSCON · STEEL · COMPANY · · MODEL · NO · 28 · · YOUNGSTOWN · OHIO ·

W-7

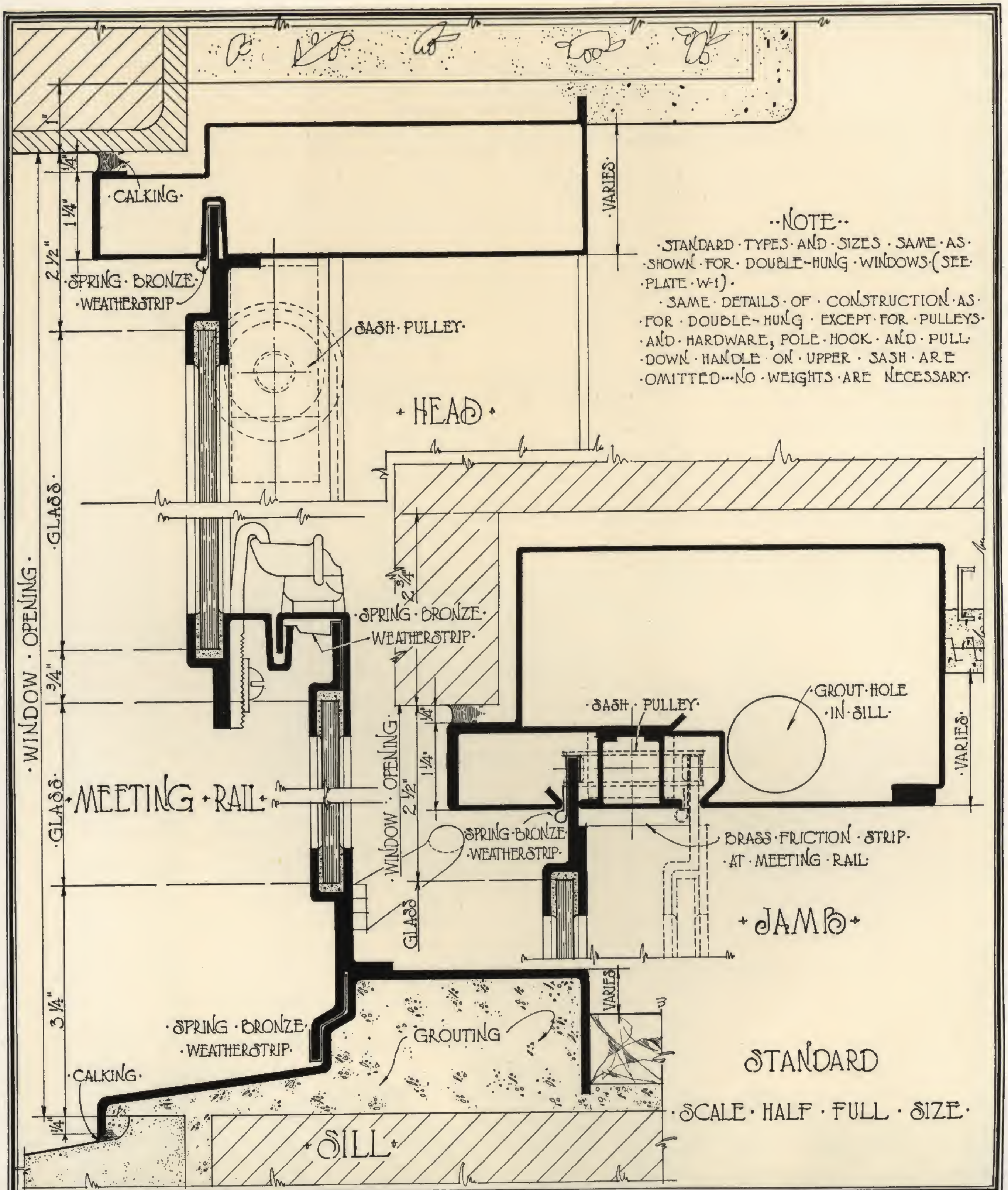
· MAY · 1928 ·



SEGMENTAL OR CURVED HEAD UNITS

Segmental or Curved Head Units can be provided in almost any radii or design. The inside of this window is finished square to facilitate the use of shades and drapes and provides for the practical approach of the sash without interfering with the exterior masonry treatment.

SKYLINE OF PITTSBURGH



·· NOTE ··

· STANDARD · TYPES · AND · SIZES · SAME · AS · SHOWN · FOR · DOUBLE-HUNG · WINDOWS · (SEE · PLATE · W-1) ·

· SAME · DETAILS · OF · CONSTRUCTION · AS · FOR · DOUBLE-HUNG · EXCEPT · FOR · PULLEYS · AND · HARDWARE, POLE · HOOK · AND · PULL · DOWN · HANDLE · ON · UPPER · SASH · ARE · OMITTED — NO · WEIGHTS · ARE · NECESSARY ·

· SCALE · HALF · FULL · SIZE ·

TRUSCON STEEL WINDOWS

TRUSCON - COUNTERBALANCED - WINDOWS

- PLATE - TYPE -

· TRUSCON · STEEL · COMPANY · · YOUNGSTOWN · OHIO ·

W-8

· MAY · 1928 ·

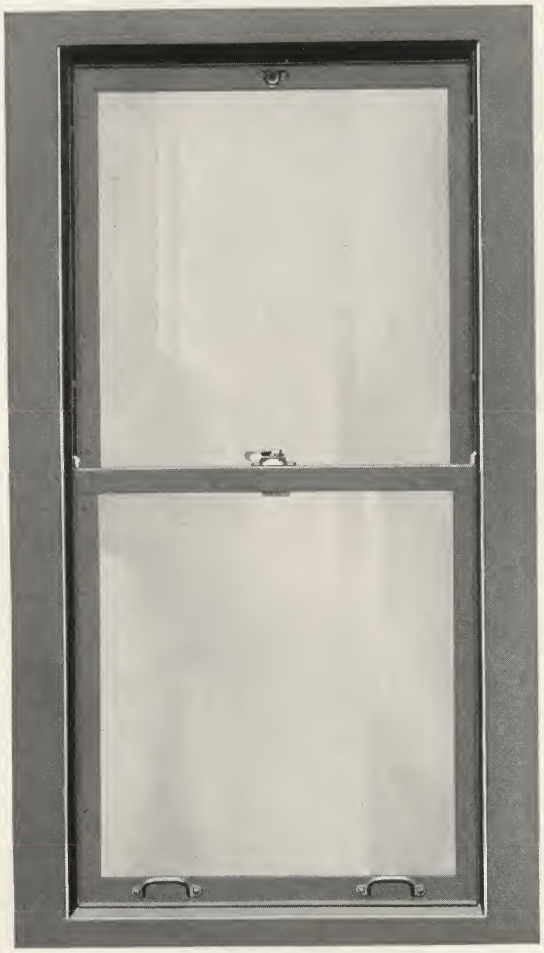
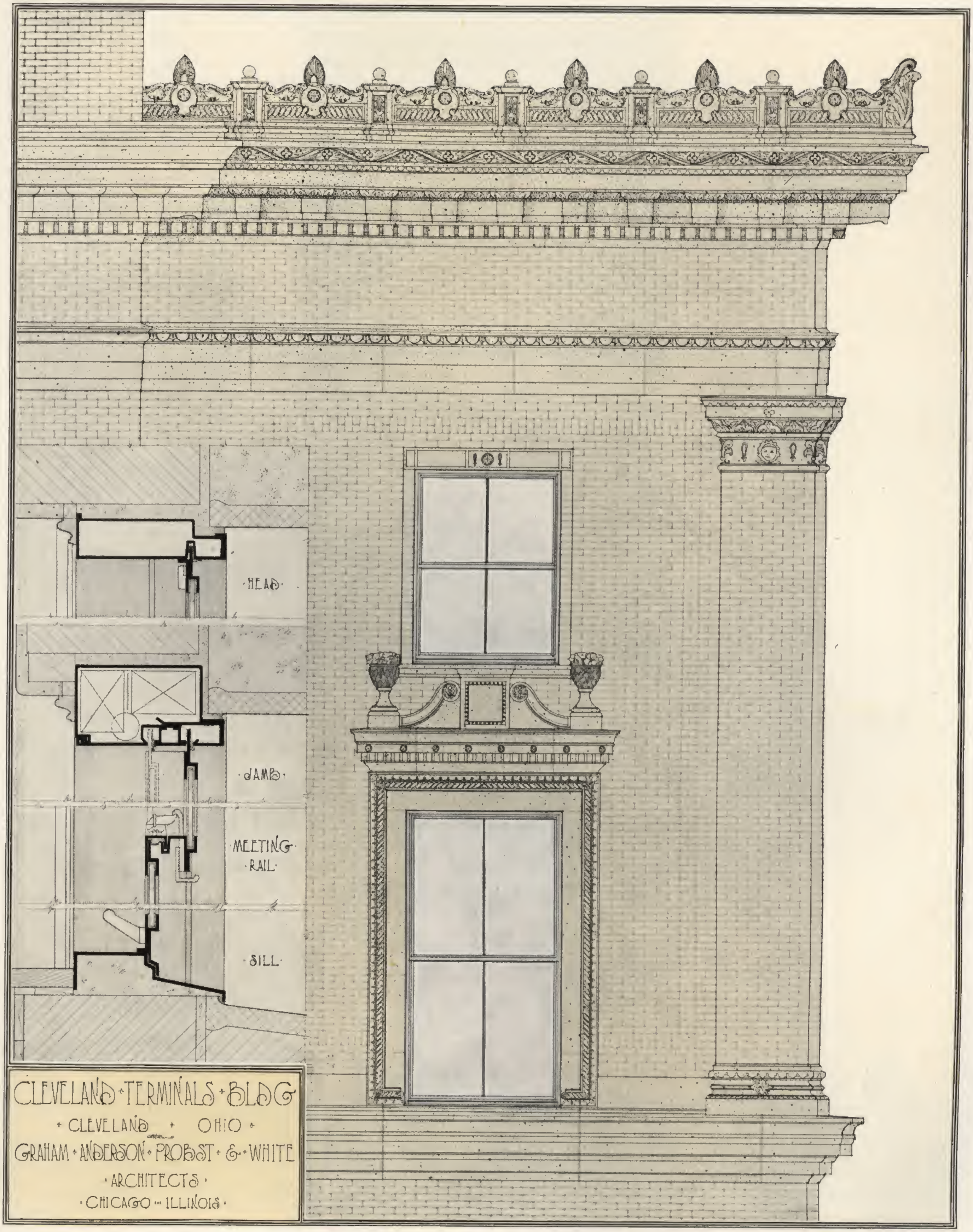


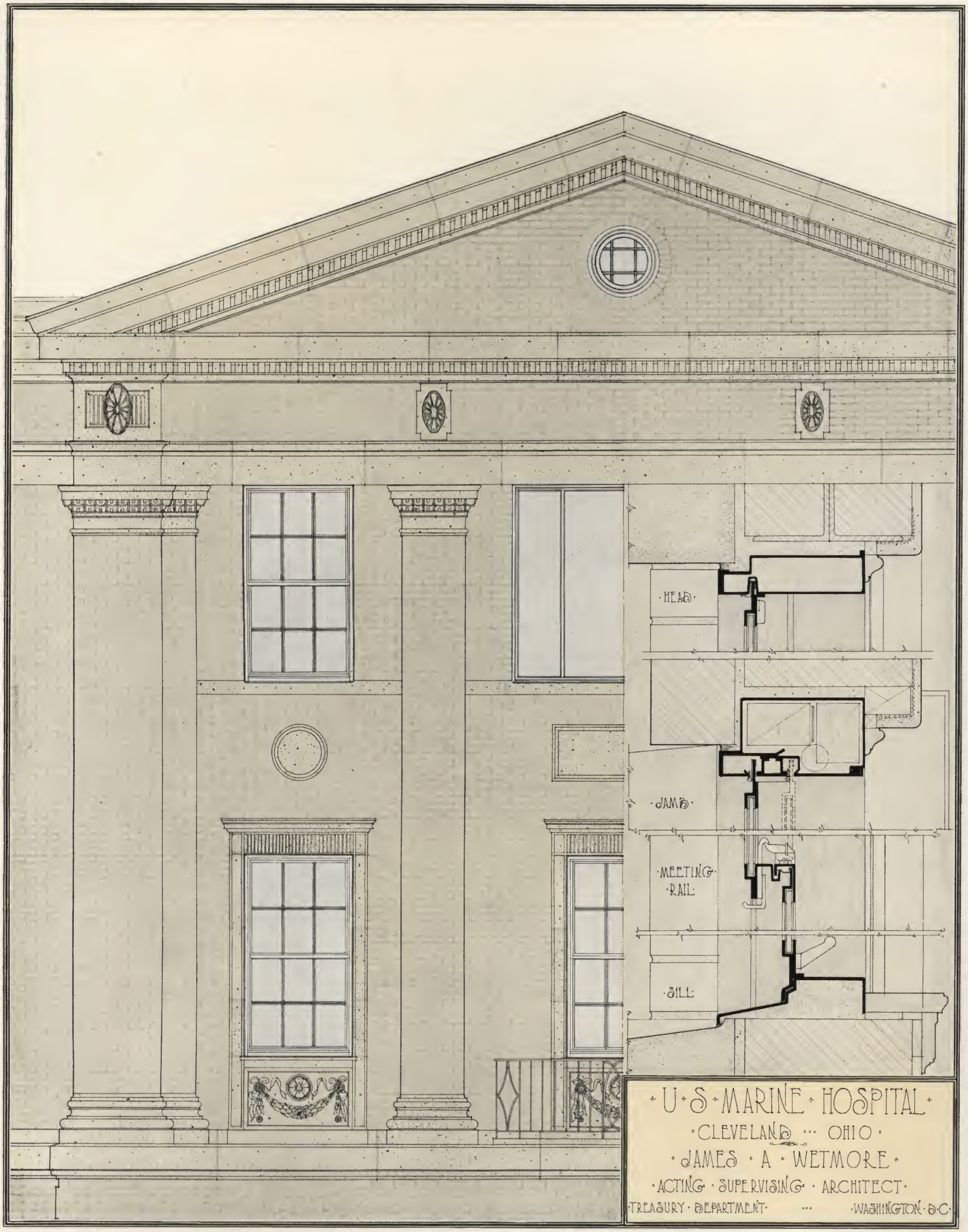
PLATE TYPE

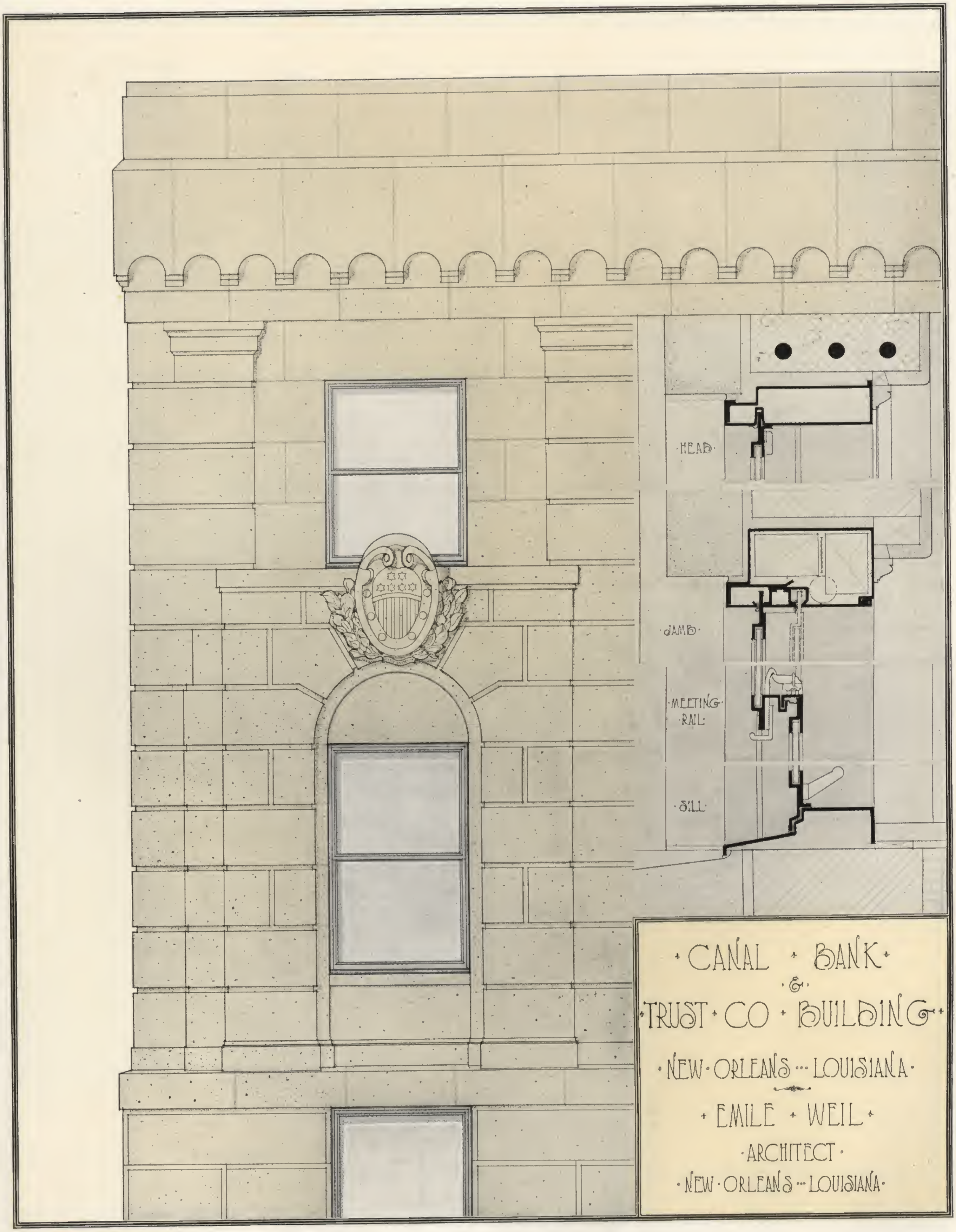
COUNTERBALANCED WINDOW

Counterbalanced windows are of the same design as standard Double-Hung Windows, Model No. 28, except that counterweights are omitted and the pulleys have a different arrangement. Sizes and types are identical with diagrams shown on page 4.

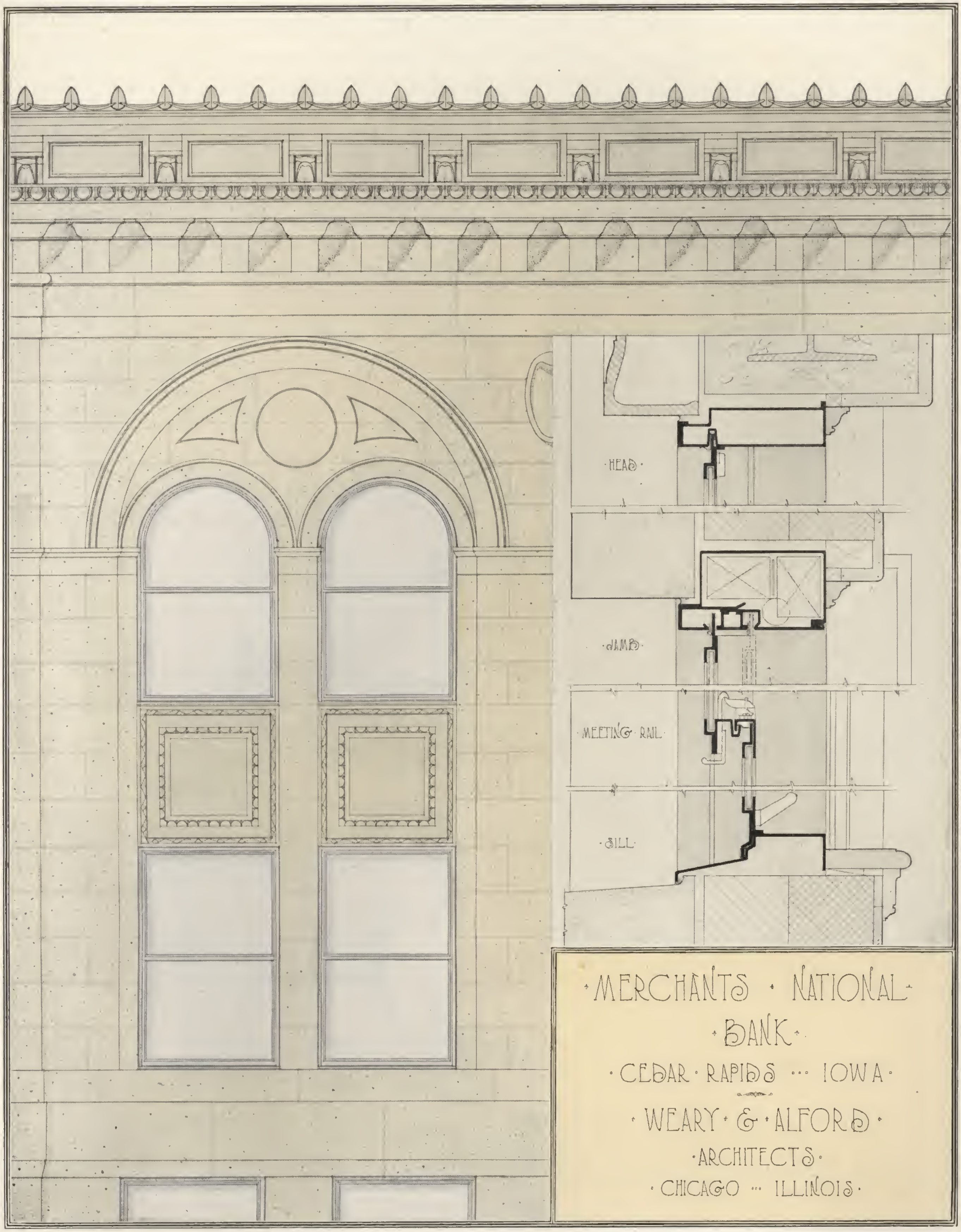
SKYLINE OF SAN FRANCISCO

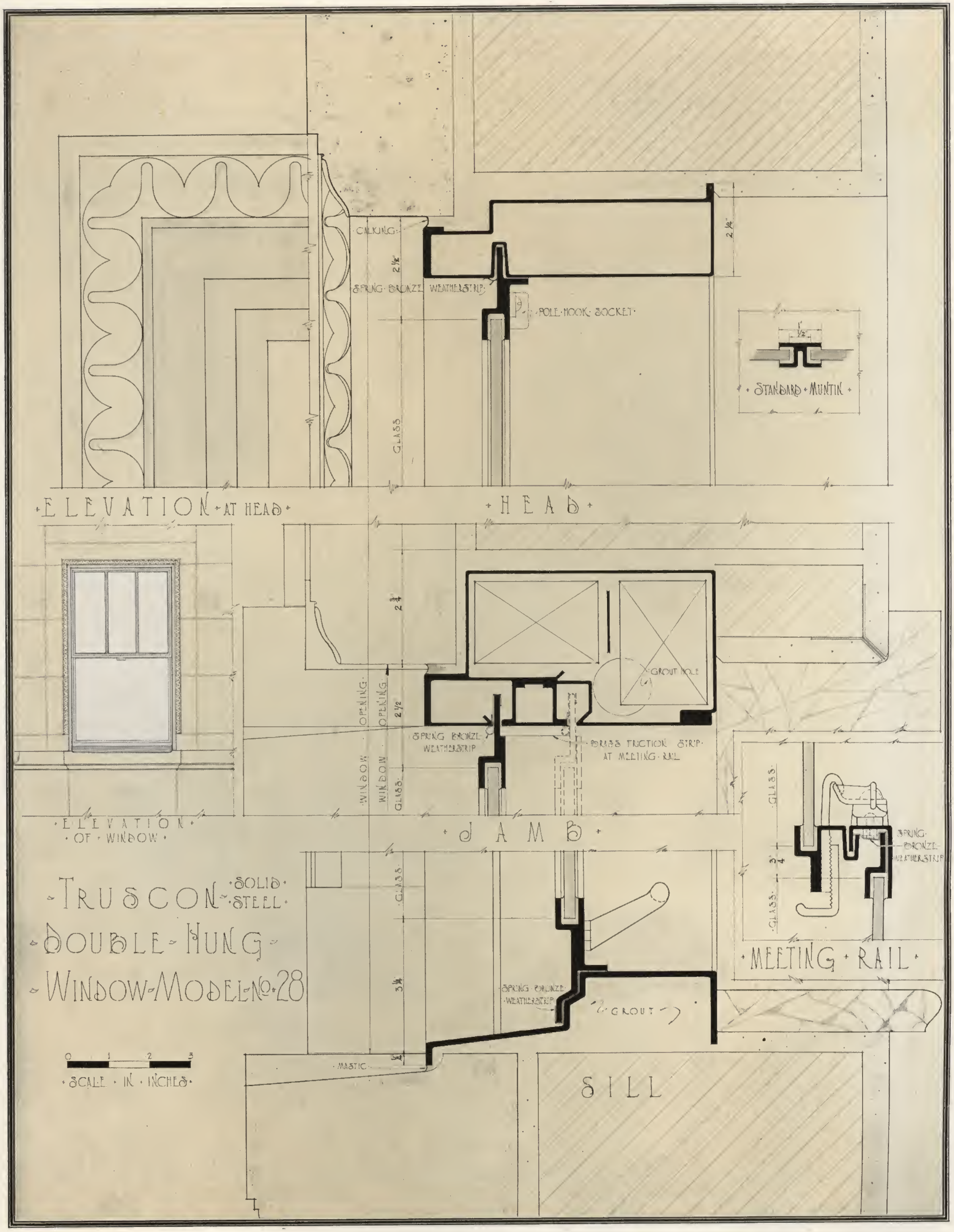

·HEAD·
·JAMB·
·MEETING·
·RAIL·
·SILL·
CLEVELAND·TERMINALS·BLDG
·CLEVELAND· OHIO·
GRAHAM·ANDERSON·PROBST·&·WHITE
·ARCHITECTS·
·CHICAGO·ILLINOIS·


·HEAD·
·JAMB·
·MEETING·
·RAIL·
·SILL·
·U·S·MARINE·HOSPITAL·
·CLEVELAND ··· OHIO·
·JAMES · A · WETMORE·
·ACTING · SUPERVISING · ARCHITECT·
·TREASURY · DEPARTMENT· ··· ·WASHINGTON·D·C·



·CANAL · BANK·
·&·
·TRUST · CO · BUILDING·
·NEW·ORLEANS ··· LOUISIANA·
·EMILE · WEIL·
·ARCHITECT·
·NEW·ORLEANS ··· LOUISIANA·


HEAD
JAMB
MEETING RAIL
SILL
MERCHANTS NATIONAL BANK
CEDAR RAPIDS … IOWA
WEARY & ALFORD
ARCHITECTS
CHICAGO … ILLINOIS


CALKING
2 1/4"
SPRING BRONZE WEATHERSTRIP
POLE HOOK SOCKET
2 1/4"
GLASS
1"
1/2"
STANDARD MUNTIN
ELEVATION AT HEAD
HEAD
2 3/4
GROUT HOLE
WINDOW OPENING
WINDOW OPENING
2 1/2
GLASS
SPRING BRONZE WEATHERSTRIP
BRASS FRICTION STRIP AT MEETING RAIL
ELEVATION OF WINDOW
JAMB
GLASS
GLASS
3/4
SPRING BRONZE WEATHERSTRIP
GLASS
MEETING RAIL
3 1/4
SPRING BRONZE WEATHERSTRIP
GROUT
MASTIC
SILL
TRUSCON SOLID STEEL DOUBLE HUNG WINDOW MODEL No 28
0 1 2 3
SCALE IN INCHES

ERECTION AND ADJUSTMENT

THE SATISFACTORY operation of a double-hung window installation is in a large degree dependent upon the manner in which it is installed and adjusted.

Realizing this fact, the Truscon Steel Company has built up a national organization of experts familiar with our window in every detail and ready to take the full responsibility of erecting and adjusting our Double-Hung Steel Window to the satisfaction of architect, general contractor and the owner.

Most architects and contractors realize the value of this service and specify and award all contracts for double-hung windows erected and adjusted. All contractors should realize the value of this service and all owners should insist on the erection and adjustment by the manufacturers.

This service means that the Truscon Steel Company takes full responsibility for this window from the start of manufacture up to and including its incorporation in the finished structure. We look after shipment, unloading at destination, cartage and storage at the job, hoisting and distributing on the various floors, setting, plumbing, and fastening in the opening; handling, distributing, and installing of weights; applying of hardware; and the final inspection and adjustment of the window after painting.

This is a big responsibility but we feel justified in assuming it in order that our customer may receive the full benefit of a correct installation and as a result have a keener appreciation of the high value and superior quality of Model No. 28 Double-Hung Steel Window.

SKYLINE OF BALTIMORE

GRAHAM, ANDERSON, PROBST & WHITE ARCHITECTS

MODEL No. 28
DOUBLE-HUNG STEEL WINDOW
INSTALLATIONS

TOP: MEDICAL ARTS BUILDING, CLEVELAND, OHIO
Graham, Anderson, Probst and White, Architects
John Gill & Sons, Contractors

LEFT: STEUBEN CLUB BUILDING, CHICAGO, ILLINOIS
K. M. Vitzthum & Company, Architects
Paschen Bros., Contractors

SERVICE AND WINDOW PRODUCTS

For many years "Truscon Window Service" has been held in high regard by architects throughout America. While the architect requires no assistance in regard to windows as they affect his design—he has, nevertheless, welcomed this Truscon cooperation.

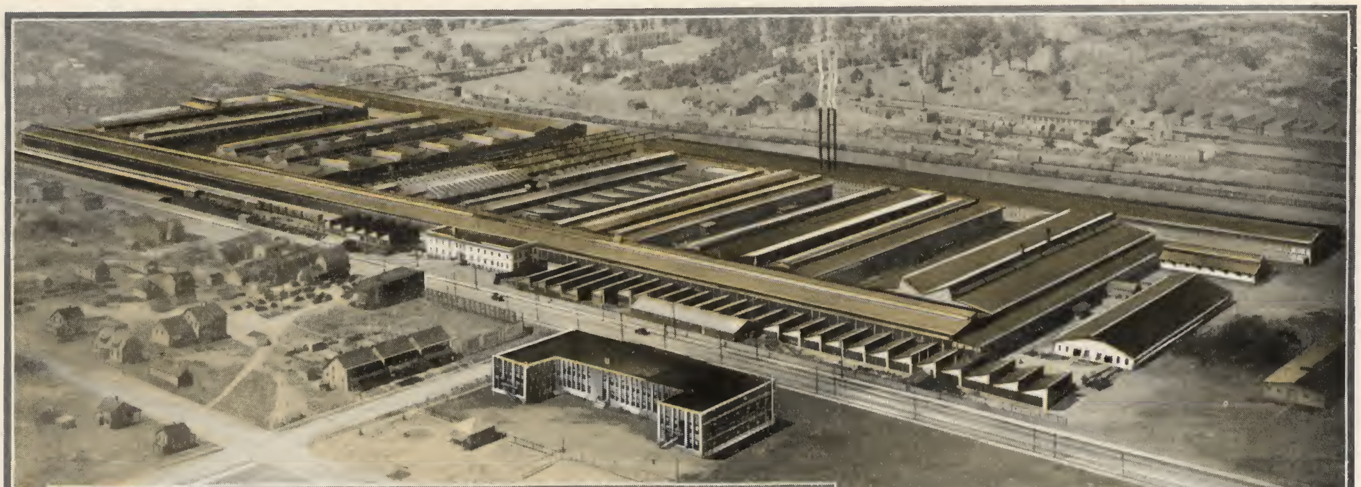
After deciding upon his window design, the architect must next consider its practical execution. And that includes consideration of investment value, maintenance, permanence, simplicity of installation and operation, continuous satisfaction and, in many cases, economy. Often, for example, the change of only a fraction of an inch in dimensions will substantially reduce costs without affecting design. Many times a careful consideration of the cost and properties of one type of window as compared to another will reduce costs sufficiently to permit of the practical financing of a building program.

Here it is that Truscon Window Service plays such an important part. Truscon, with its 25 years of experience, its great resources, large production facilities and its complete line of steel windows—cooperates with the architect in helping to select the window which—all factors considered—will give the needed results. Truscon gives this service through men carefully trained, and who, having a keen appreciation of the architect's viewpoint and the demands upon his time, are schooled to render the kind of service most desired.

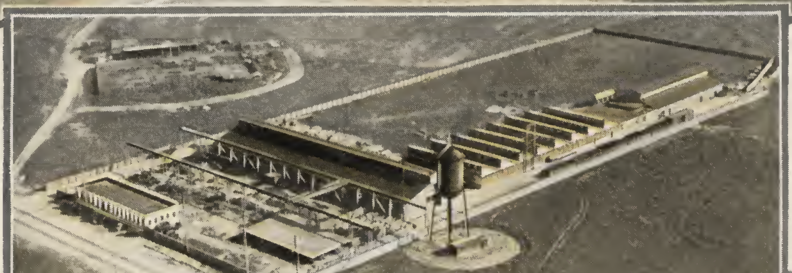
Truscon Window Service knows no bias in its recommendation, for Truscon can furnish any type or kind of window. And with Truscon's intimate knowledge of latest developments, relative costs, advantages and limitations of standardization and quantity production, it can work efficiently towards its objective—the best interests of the architect and the building owner.

Truscon's large and well-equipped factories, its warehouses in principal cities filled with products for immediate shipment, its branch offices, its reliable dealers and distributors, its engineers available on immediate notice, offer an all-embracing service. And, as a final supplement, Truscon furnishes a national erection and field organization prepared to perform skillfully and properly an erection and adjustment service at a minimum of cost.

SKYLINE OF SAINT LOUIS

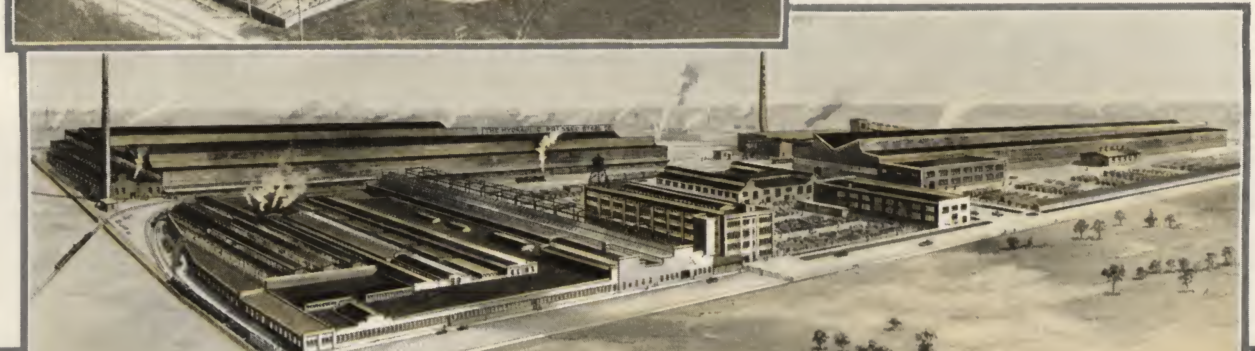


①



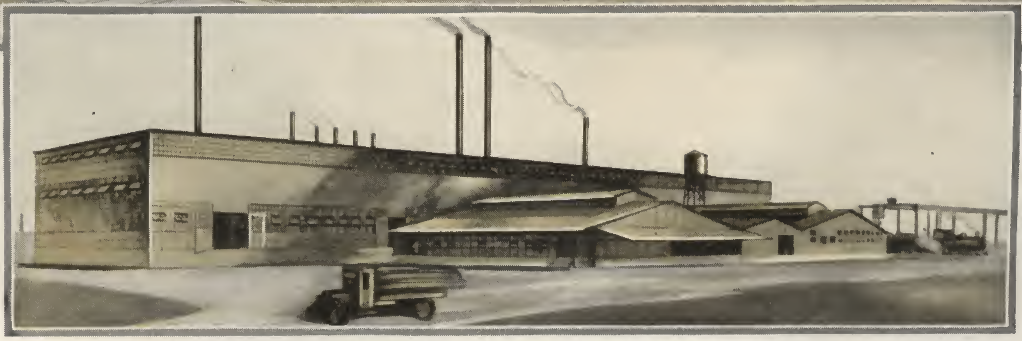
②

1. Truscon's 50-acre Main Plant at Youngstown, Ohio.
2. Truscon Pacific Coast Plant, Los Angeles, California.
3. Hydraulic Pressed Steel Division of Truscon, Cleveland, Ohio.



③

④



⑤

4. The Truscon Laboratories, Detroit. Michigan.
5. Truscon Steel Company of Japan, Ltd., Kawaski, Japan.

25 YEARS OF PIONEERING AND LEADERSHIP

Truscon is an institution of national scope, the largest company of its kind in the world, manufacturing a complete line of steel products for permanent construction. Truscon combines careful production methods with accuracy, quality and sound engineering to insure the utmost value and efficiency. It offers the convenience of large supplies of commodity steel and maintenance products in centrally located Truscon Warehouses or prompt delivery from stock.

TRUSCON PRODUCTS INCLUDE

STEEL WINDOWS
For commercial, industrial, residential and institutional buildings.

MECHANICAL OPERATORS
For steel windows, hand and power operated.

STEEL DOORS AND FRAMES
For large and small outside openings, a style for every industrial purpose.

REINFORCING STEEL
In keeping with individual designs and conforming to standard practice.

STEEL JOISTS
All types for an economical and fireproof floor construction.

REINFORCING STEEL FOR ROADS AND PAVEMENTS
Welded Steel Fabric for roads, pavements, concrete pipes and floors. Contraction Joints, Steel Road Forms. Curb Bars and Edge Protectors.

METAL LATH
For plaster bases. Hyrib, Cornerbeads, Metal Trim and Accessories.

STEELDECK ROOFS
I-Plate or Ferrodeck construction lightweight and permanent roofs, insulated to any degree and waterproofed.

STEEL BUILDINGS
Non-combustible buildings from standardized parts in many types and sizes for industrial and aeronautic requirements with steel windows, steel doors and steeldeck roofs.

STRUCTURAL STEEL
For every kind of building design incorporating the most modern methods.

TRANSMISSION STRUCTURES
Steel Poles, Substations and H-Frames.

PRESSED STEEL
Pressed and Drawn Steel Units, Boxes and Platforms for Material Handling and Foundry Flasks. Pressed Steel Engineering Service.

INDUSTRIAL MAINTENANCE PRODUCTS
Waterproofing, Floor Hardeners and Cement Roofing Tile.

SKYLINE OF LOS ANGELES

TRUSCON SALES OFFICES

Albany, N. Y., 75 State Street
Altoona, Pa., 231 Central Trust Building
Atlanta, Ga., 705 Wynne Claughton Building
Baltimore, Md., 1507 Standard Oil Building
Birmingham, Ala., 513 North 21st Street
Boston, Mass., 260 Tremont Street
Brooklyn, N. Y., 26 Court Street
Buffalo, N. Y., 627 Genesee Building
Charleston, W. Va., 210 Union Building
Chattanooga, Tenn., 510 James Building
Chicago, Ill., 228 North LaSalle Street
Cincinnati, Ohio, 617 Provident Bank Building
Cleveland, Ohio, 6100 Hydraulic Avenue
Columbus, Ohio, 1000-04 Atlas Building
Dallas, Texas, 115 Field Street
Dayton, Ohio, 802 Harries Building
Decatur, Ill., 408 Standard Life Bldg.
Denver, Colorado, 430 Cooper Building
Des Moines, Iowa, Hubbell Building
Detroit, Michigan, 615 Wayne Street
Erie, Pa., 1207 French Street
Fort Wayne, Ind., care of Old Fort Supply Co.
Grand Rapids, Mich., 301 McMullen Building
Greensboro, N. C., 830 Jefferson Stand. Building
Harrisburg, Pa., 600-2 North Second Street
Hartford, Conn., 983 Main Street
Houston, Texas, P. O. Box 202
Indianapolis, Ind., 812 Union Title Building
Jacksonville, Fla., 324 Hildebrandt Building
Kansas City, Mo., 611 Bryant Building
Los Angeles, Calif., 5480 East Slauson Avenue
Louisville, Ky., 621 Marion E. Taylor Building
Madison, Wis., 9 South Pinckney Street
Milwaukee, Wis., 1200 Straus Building
Minneapolis, Minn., Metropolitan Bank Bldg.
Newark, N. J., Suite 801 Griffith Building
New Haven, Conn., 42 Church Street
New Orleans, La., 448 Canal Bank Building
New York, N. Y., 31 Union Square
Norfolk, Va., 526 Dickson Building
Oklahoma City, 317-319 Magnolia Building
Omaha, Neb., 901 World-Herald Building
Philadelphia, Pa., 1505 Race Street
Pittsburgh, Pa., 2544 Oliver Building
Portland, Oregon, 449-457 Kerby Street
Providence, R. I., 87 Weybosset Avenue
Rochester, N. Y., Sagamore Hotel
Roswell, N. M., County Engineer's Office
St. Louis, Mo., 1304 Ambassador Building
San Antonio, Texas, 901 Travis Building
Seattle, Wash., Seaboard Building
Salt Lake City, Utah, 1526 S. West Temple St.
San Francisco, Calif., 55 New Montgomery St.
Scranton, Pa., 620 Wheeler Street
South Bend, Ind., 222 Christman Building
Syracuse, N. Y., 440 Gurney Building
Tampa, Fla., 320 Lafayette Arcade
Toledo, Ohio, 312 Richardson Building
Washington, D. C., 809 Hill Building
Wichita, Kans., 208 Miller Theatre Building

TRUSCON RAILROAD DEPARTMENT, YOUNGSTOWN, OHIO
HYDRAULIC PRESSED STEEL DIVISION, OFFICES AND PLANT, CLEVELAND, OHIO
FOREIGN TRADE DIVISION, 90 West Street, NEW YORK CITY
TRUSSED CONCRETE STEEL COMPANY OF CANADA, Limited, WALKERVILLE, ONT.
THE TRUSCON LABORATORIES, DETROIT, MICHIGAN
(*For Waterproofings, Floor Hardeners, Industrial Maintenance Products and Cement Roofing Tile*)

TRUSCON WAREHOUSES

Baltimore, Md.
Birmingham, Ala.
Boston, Mass.
Buffalo, N. Y.
Chicago, Ill.
Cincinnati, Ohio
Cleveland, Ohio
Dallas, Texas
Detroit, Mich.
Greensboro, N. C.
Indianapolis, Ind.
Jacksonville, Fla.
Kansas City, Mo.
Milwaukee, Wis.
Newark, N. J.
New York, N. Y.
Norfolk, Va.
Omaha, Neb.
Philadelphia, Pa.
Portland, Oregon
San Francisco, Calif.
St. Louis, Mo.
St. Paul, Minn.
Youngstown, Ohio

EXECUTIVE OFFICES AND MAIN PLANT

YOUNGSTOWN, OHIO

PACIFIC COAST FACTORY, LOS ANGELES, CALIF.

TRUSCON DOUBLE-HUNG STEEL WINDOWS

COUNTERWEIGHTED

MODEL
NUMBER
28

TRUSCON DOUBLE-HUNG STEEL WINDOWS

COUNTERWEIGHTED

BOOK NUMBER 28

Digitized by:

INTERNATIONAL

ASSOCIATION FOR PRESERVATION TECHNOLOGY
www.apti.org

For the

BUILDING TECHNOLOGY HERITAGE LIBRARY

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

Tulane University

SOUTHEASTERN ARCHITECTURAL ARCHIVE
SPECIAL COLLECTIONS
HOWARD-TILTON MEMORIAL LIBRARY

http://seaa.tulane.edu